

GOVERNMENT OF INDIA  
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1945

ANNUAL SUMMARY

PART A

SUMMARY OF WEATHER WITH TABLES

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*Director General of Observatories*

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Errata to India Weather Review 1945.  
Annual Summary, Part A.

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Reference	Column	Replace the existing figures, if any, by
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Pages A12-A13.

Seoni	21	63
Nagpur	21	61
Chanda	46	42
Bombay	19	-0.2
Alibagh	19	-0.2
Harnai	21	74

Pages A14-A15.

Palghat	50	159
Page A14	Footnote against Trichinopoly read Hb for H6.	

Pages A16-A17.

Kalimpong	11, 32	-2.3, +7.1
Muktesar	19, 41	-0.3, 100
Mussooree	19	+0.1
Simla	19	0
Murree	19	-0.2
Cherat	44	98
Mercara	50	128
Page A17	53	Read Ceylon for Celon.
Page A17	53	Read Colombo for Colomo.
Hambantota	50	129

Footnote read "## Total for 362 days for ## Total for 352 days".

Page A20                            Read page number A20 for H20.

Page A20                            Omit the footnote "Reports only rainfall".

Page A24.

Kashgar - November	22	+10
Page A27 - Table V.		
Heading	7, 8	Read "Number of rainy days (0.10" or more)" for "Number of rainys ay (0.10") more)".

Page A28

New Delhi - April                22                            3

Page A30

Baroda - Year                    25                            35

Page A31

Bombay - Year                    25                            134

Poona - July                      25                            2

Hyderabad - December            26                            3

Hyderabad - Year                26                            16

Page A32.

Iodaikanal - November          6                            54.9

Iodaikanal - Year               12, 15                    11.3, 75.

Page A38

Iyderabad - Year                24                            3.6

# INDIA WEATHER REVIEW, 1945.

## ANNUAL SUMMARY.

### PART A.

#### Weather and Rainfall of 1945.

*Summary.*—All the western disturbances during January and February, except for two in January, were feeble; and the rainfall in northwest India was in large excess in January and moderate to large defect in February. The northeast monsoon was weak during this period resulting in a general deficiency of rainfall over most of the Peninsula. During the hot weather period, March to May, the western disturbances continued to be feeble except for a short spell of activity in April. March and May were periods of unusually dry weather throughout the country, while in April there was marked thunderstorm activity and excess of rainfall in the central parts of the country and northeast India. The monsoon set in on the west coast at the usual time in June, but the Bay branch was late in advancing into Bengal, leading to a defect in the rainfall of northeast India in June. Both the branches of the monsoon strengthened in July and gave sufficient rain over the country to make up for the deficiency of the previous month. This was followed by a break in the monsoon in the early part of August, the Bay branch remaining generally feeble and the activity of the Arabian Sea branch also being below normal during the month. Monsoon depressions were completely absent. All these factors resulted in a general defect of rainfall over the country in August. The chief features of September were the travel inland of four depressions from the Bay of Bengal; of these one developed into a cyclonic storm and caused very heavy rainfall in Gujarat and the adjoining parts of the country in the third week of September. The heavy rains and the consequent floods were responsible for some loss of crops and property and serious dislocation of traffic and communications. The large excess of rainfall associated with the depressions of September more than compensated for the deficiency in August. The monsoon withdrew from northwest India by about the 5th of September and became weak elsewhere by the end of the month. One cyclonic storm and two depressions affected the country during the months October to December. Of these the cyclonic storm of the third week of October was very destructive in character. It crossed the coast near Masulipatam and was associated with violent gales and a tidal wave which were responsible for considerable damage to life and property in the Circars districts of the Madras Presidency. Except for brief spells of activity, the northeast monsoon was weak during November and December and the western disturbances were feebler than usual, so that the rainfall for the two months was in marked defect.

I. *The Cold Weather Period, January and February.*—Twelve western disturbances in all affected the country during the period, seven in *January* and five in *February*. The first disturbance in January caused widespread precipitation over north India and the central parts of the country between the 4th and 7th, with heavy snowfall in Kashmir and the Punjab hills during the first week. Rainfall extended into the Konkan and the Bombay Deccan also. The second disturbance gave widespread precipitation from the North-West Frontier Province to Bihar and Chota Nagpur between the 7th and 10th. The other five disturbances were feeble.

Of the five western disturbances in February, the third one caused local precipitation in the extreme north of the country during the middle of the month, and the fourth gave widespread showers in Kashmir in the beginning of the last week. The other three did not cause appreciable precipitation.

The northeast monsoon was weak during the period and the weather was mainly dry in the Peninsula.

The total rainfall for the cold weather period was in large excess in Bihar, Sind, west Rajputana, Gujarat, west Central India and the Konkan and in moderate excess in Assam, Bengal, Chota Nagpur, the east United Provinces and east Rajputana. It was normal or in slight excess in the west United Provinces, the Punjab, Baluchistan, east Central India and the west Central Provinces and in moderate to large defect elsewhere.

Temperatures were 10° to 20° below normal in northwest India, the United Provinces, Central India, the Central Provinces and the Bombay Deccan during the first two days of January. Night temperatures were markedly below normal in upper India and the Deccan for 3 to 4 days in the middle of February. The mean maximum temperatures during the period were below normal in the east and north Punjab, Kashmir, Rajputana, Gujarat and west Central India and normal elsewhere. The mean minimum temperatures were below normal in the west United Provinces, the Punjab, Kashmir, the North-West Frontier Provinces, Sind, Rajputana and Central India and normal elsewhere. Relative humidity was normal except in Sind, where it was in excess. Skies were more clouded than usual in Mysore and less than usual in Bengal, Orissa, Rajputana and Bombay.

**II. The Hot Weather Period, March to May.**—Nine western disturbances affected the country during **March**; but only the first of these was moderately active; it caused a large number of dust or thunder storms in northwest India and widespread precipitation in the North-West Frontier Province, Kashmir and the Punjab-United Provinces hills between the 2nd and 4th. Weather was otherwise dry over the country during the month except for local thundershowers for a few days in Assam and Bengal.

Fairly widespread rain fell in southeast Madras during the first two days of **April** in association with unsettled conditions in the southwest Bay of Bengal. Local thundershowers occurred in Malabar towards the end of the first week. Of the eight western disturbances which affected the country during the month, the first two together caused widespread precipitation from the North-West Frontier Province and Kashmir to the hills of the west United Provinces during the second half of the first week. The fifth disturbance caused widespread thunderstorm activity in the central parts of the country, Bihar, Bengal and Assam during the second half of the third week. The other western disturbances caused little precipitation.

Three of the five western disturbances in **May** were moderately active and gave well distributed precipitation in the North-West Frontier Province, Kashmir, the Punjab hills and Rajputana. In the rear of the first disturbance, widespread dust-haze set in in northwest India on the 7th and extended into the Deccan on the next day. There was marked northwester activity in northeast India between the 4th and 9th and during the second half of the month.

The total rainfall for the season was normal or in slight defect in Assam, Bengal, Orissa, Bihar, the east United Provinces, the Punjab, Kashmir, east Rajputana, east Central India, the Central Provinces, Mysore, southeast Madras, the Madras Deccan and the north Madras coast, being in moderate to large defect elsewhere.

The mean maximum temperature was generally normal except in Kashmir where it was below normal. The mean minimum temperatures and humidity were normal. Cloud amount was in defect in Rajputana and Hyderabad and normal elsewhere.

**III. The Southwest Monsoon Period, June to September.**—Monsoon burst on the Malabar coast on the 5th June and extended to Bombay by the 11th. Its activity was confined to the coast south of Surat till the middle of the month. The Bay branch was slow in setting in and during the first half of June only local thunderstorms occurred in Bengal and Assam. Under the influence of a low pressure area which formed over Chota Nagpur on the 17th, the Bay branch advanced into the interior and extended westwards along the foot of the Himalayas in the United Provinces. Simultaneously, the Arabian Sea branch extended into the north Deccan and the central parts of the country. For the next ten days both the branches remained active and widespread rain fell along the west coast, in the north of the Peninsula, the central parts of the country and northeast India. A temporary extension into Gujarat caused widespread and locally heavy rain there on the 16th and 17th. The Bay branch, temporarily drawn into the Punjab under the influence of a western disturbance, gave widespread rain there on the 17th and 18th. A depression formed over Chota Nagpur on the 27th and moved to east Rajputana by the 30th; between these dates, widespread rain with locally heavy falls occurred in the central parts of the country, Rajputana and Gujarat.

The rainfall during the first ten days of **July** was mainly controlled by a cyclonic storm and a depression which formed in the Bay of Bengal. The first of these appeared at the head of the Bay on the 2nd, moving through Central India and the north Central Provinces, curved northwestwards and broke up against the Simla-Kumaon hills on the 7th. In association with it, widespread and locally heavy rainfall occurred in the belt of the country from the north Konkan to northeast India during the first week of July. Rainfall was particularly heavy in the Central Provinces and Central India where much damage was done to property. The second depression formed over the head of the Bay on the 7th, moved northwestwards, and filled up over Central India on the 11th. It served to maintain the activity of the monsoon in the interior of the country. From the 10th to the 20th both branches of the monsoon remained strong and widespread rain fell over the country outside southeast Madras and the western divisions of northwest India. In Kathiawar, there was extensive damage to property and live-stock due to incessant downpours during this period. After a temporary lull for four days the monsoon continued active till the 28th. There was a general weakening of the monsoon thereafter, a 'break' setting in.

The 'break' that had commenced towards the end of July continued till the 8th of **August** and during this period the rainfall was restricted to Malabar, the Konkan, north Bihar and east and north Bengal. The Arabian Sea branch revived on the 9th and continued vigorous during the next four days giving very heavy rain in the north Konkan and extending to Gujarat and the central parts of the country. The activity of the Bay branch was confined to northeast India during the first half of August. Under the influence of a low pressure area which appeared over the west United Provinces on the 17th, both branches of the monsoon extended into the interior and, during the next week, well distributed and locally heavy rain occurred over the whole country outside Sind, Baluchistan, Kashmir and the south Peninsula. Rainfall extended into Kashmir in the beginning of the fourth week. The monsoon weakened after the 25th and during the rest of the month rainfall was confined to the west coast of the Peninsula and Assam.

The rainfall in **September** was mainly associated with the passage across the country of four depressions from the Bay of Bengal. The first of these developed off the Circars coast on the 1st of September,

moved rapidly inland and lay as a shallow low over north Hyderabad on the next day. It was responsible for widespread and locally heavy falls in Hyderabad, Berar and the Bombay Deccan on the 1st and 2nd. During the following two days widespread rainfall extended to the west Central Provinces, Gujarat and east Rajputana. The second depression gave widespread and locally heavy rain over the tract from south Bengal to east Rajputana between the 7th and 13th. The third depression formed off the Orissa-Circars coast on the 19th and intensified into a cyclonic storm by the 20th. It crossed coast and moved as deep depression westwards up to Gujarat, and recurving there and passing through east Rajputana broke up in the Punjab-Kumaon hills on the 26th. The passage of this depression through the Central Provinces west Central India and Gujarat was marked by very heavy falls of rain which resulted in disastrous floods in the Tapti and other rivers of Central India with serious dislocation of transport and communication. The incessant downpour accompanied by gales washed away houses in the low lying areas of Surat district rendering many thousands of people homeless, besides causing extensive damage to crops. Heavy falls also occurred in and near the Punjab hills causing unprecedented floods in the Patiala state. Heavy damage to property and cattle was reported from the Ambala-Saharanpur area. The monsoon withdrew from northwest India after the 25th and was generally weak elsewhere for the rest of the month. The last depression of September crossed the Orissa coast on the 30th morning and moving rapidly through Orissa and Chota Nagpur filled up over the east United Provinces by the 2nd October. Associated with it, widespread rain with isolated heavy falls occurred in the region from southeast Madras to Chota Nagpur, in south Bengal and in Assam on the last three days of the month.

The total rainfall for the season was in moderate to large excess in the east and north Punjab, Baluchistan and Rajputana and normal or in slight excess in Assam, Orissa, the west United Provinces, the southwest Punjab, Central India, Berar, the Central Provinces, the Konkan, the Bombay Deccan, north Hyderabad the Madras Deccan and the north Madras coast. Elsewhere it was in slight to moderate deficit.

The mean maximum and minimum temperatures were generally normal except in west Rajputana where the maximum temperature was above normal. Humidity was normal and cloud amount was in excess in the Punjab and normal elsewhere.

*IV. The Period of Retreating Southwest Monsoon, October to December.*—The last depression of September gave widespread rain in Bihar, Chota Nagpur and the United Provinces on the first two days of **October**. Thereafter the southwest monsoon began to retreat generally. There was marked thunderstorm activity in Assam, Bengal and the south Peninsula during the second week while generally dry weather prevailed elsewhere. The chief feature of October was a severe cyclonic storm from the Bay of Bengal. This appeared as a deep depression in the vicinity of the Nicobars on the 14th and intensified into a cyclonic storm by the 15th. Moving northwestwards it intensified further and crossed the coast near Masulipatam on the morning of the 18th causing violent gales and heavy rain along the Circars-Orissa coasts. The cyclone was accompanied by a storm wave which inundated a coastal belt 3 to 5 miles in width between Cocanada and Masulipatam. The storm was over east Hyderabad on the 19th and, weakening thereafter, it recurved and moved northeastwards through the east Central Provinces to southwest Bengal, where it became unimportant by the 23rd. Associated with this storm, widespread and locally heavy rain fell in south Malabar, the Madras Deccan, the Circars districts and northeast India between the 17th and 23rd. The storm was responsible for considerable destruction of life and property in the Circars districts and west Bengal. The loss of property, crops and cattle in the Circars districts has been estimated at several lakhs of Rupees. Floods in the Nadia and Burdwan districts of Bengal also caused much human suffering, while heavy rains in Bihar and Bengal inflicted considerable damage to the standing crops.

Three western disturbances moved across the extreme north of the country during October; only the last of these caused widespread to local precipitation in the N.-W. F. P., Kashmir, and the Punjab-Kumaon hills between the 24th and 29th.

Widespread rain fell along the Coromandel coast and south Malabar on the 2nd **November** and local showers occurred in the rest of the Peninsula during the first week of the month. Associated with the passage of a depression westwards across the extreme south of the Peninsula widespread and heavy rain fell in the southern districts of southeast Madras and in Malabar between the 10th and 15th. Extensive damage was caused to crops by the heavy rains in Coimbatore district and the adjoining areas. Heavy landslides and breaches also occurred in the Nilgiri mountain railway. During the second half of the month, the northeast monsoon was generally weak, and except for local thundershowers in the south Peninsula weather was dry. The four western disturbances which affected the country during the month were feeble and caused little precipitation.

A temporary strengthening of the northeast monsoon and a depression which passed from the southwest Bay across Ceylon as a low pressure wave caused widespread and locally heavy showers along the south Coromandel coast during the first week of **December**. In association with a cyclonic storm out in the Bay of Bengal light showers occurred along the east coast of the country between the 13th and 15th. The five western disturbances of the month were generally feeble.

The total rainfall of the season was in moderate to large excess in northeast India, outside Assam and in the east United Provinces, and in slight excess in Assam. It was normal in south Hyderabad and Malabar and in slight defect in southeast Madras and the north Madras coast. Elsewhere it was in moderate to large defect.

The mean maximum temperatures were below normal in Chota Nagpur and north Hyderabad and normal elsewhere. The mean minimum temperature was generally normal except in east Rajputana, Gujarat, east Central India and south Hyderabad where it was below normal. Relative humidity was in excess in the United Provinces, the Punjab, Sind and Central India and normal elsewhere. Cloud amount was normal except in Sind and Rajputana where it was in defect.

V. Year.—Taking the year as a whole, rainfall was in moderate excess in Rajputana and Gujarat, in slight excess in the west United Provinces, the east and north Punjab, in slight defect in Kashmir, the North-West Frontier Province, Baluchistan, the Bombay Deccan, Mysore, Malabar, southeast Madras and the Madras Deccan and in moderate defect in Sind. Elsewhere the rainfall was normal. Averaged over the plains of India, the year's total rainfall was just half-a-per cent. below normal.

Table I.—Divisional and sub-divisional means for the year 1945.

1	RAINFALL*				DEPARTURE FROM NORMAL OF				8 hrs. I. S. T.	RAINFALL*				DEPARTURE FROM NORMAL OF					
	Actual.	Normal.	Departure from normal.	Percentage departure from Normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.		Actual.	Normal.	Departure from normal.	Percentage departure from Normal.	Maximum temperature.	Minimum temperature.	Vapour pressure.	Relative humidity.		
	2	3	4	5	6	7	8	9		2	3	4	5	6	7	8	9		
<b>DIVISION.</b>																			
Assam . . .	99.39	89.27	+10.12	+11	+0.7	+0.1	-0.2	+1	+0.5	Rajputana . . .	27.92	19.17	+8.76	+46	-1.3	-1.1	+0.2	+4	-0.4
Bengal . . .	79.31	76.47	+2.84	+4	-0.1	-0.1	-0.2	+1	+0.3	Bombay . . .	44.41	40.50	+3.93	+9	-0.4	-0.7	-0.4	+2	-0.1
Orissa . . .	58.50	57.96	+0.54	+1	0	-0.4	-0.1	+1	+0.3	Central India . . .	42.58	44.02	-1.44	-8	-0.5	-0.9	-0.5	+3	0
Bihar . . .	48.53	50.08	-1.55	-3	0	-0.4	+0.2	+2	+0.3	Central Provinces and Berar . . .	58.12	48.86	+4.26	+9	-0.5	-0.4	-0.4	+1	+0.1
United Provinces	62.59	41.67	+0.92	+2	-0.4	-0.4	+0.2	+3	+0.3	Hyderabad . . .	31.09	32.27	-1.18	-4	-0.7	0	-0.2	+2	0
Punjab . . .	23.16	19.34	+3.82	+20	-0.4	-0.4	+0.4	+6	+0.3	Mysore . . .	24.19	45.97	-11.78	-26	0	+0.4	-0.2	+2	+0.4
North-West Frontier Province.	7.28	11.65	-4.37	-38	-0.3	-0.5	+0.2	+1	-0.1	Madras . . .	40.60	45.53	-7.94	-18	-0.2	+0.1	-0.3	+1	+0.4
Sind . . .	5.59	6.47	-0.88	-14	+0.4	-0.5	+0.8	+5	-0.1	Mean of India . . .	42.55	41.21	+1.34	+3	-0.4	-0.4	-0.1	+3	+0.1
<b>SUB-DIVISION.</b>																			
1. Bay Islands . . .	..	..	..	..	..	..	..	..	..	17. Gujarat . . .	38.90	25.25	+13.65	+54	-1.3	-0.9	-0.2	+3	-0.1
2. Assam . . .	99.39	89.27	+10.12	+11	+0.7	+0.1	-0.2	+1	+0.5	18. Central India West. . .	42.66	41.61	+2.05	+5	-1.1	-0.5	-0.2	+2	+0.2
3. Bengal . . .	79.31	76.47	+2.84	+4	-0.1	-0.1	-0.2	+1	+0.3	19. Do. do. East. . .	41.13	47.31	-6.08	-13	+0.2	-1.5	-0.4	+3	-0.8
4. Orissa . . .	58.50	57.96	+0.54	+1	0	-0.4	-0.1	+1	+0.3	20. Bihar . . .	27.47	22.64	+4.63	+14	-0.7	-0.5	-0.2	+2	-0.7
5. Chota Nagpur	47.74	52.77	-5.03	-10	-0.1	-0.6	+0.3	+2	+0.1	21. Central Provinces, West. . .	52.97	49.16	+4.81	+10	-0.4	-0.6	-0.6	+1	+0.2
6. Bihar . . .	48.53	48.50	0	0	+0.1	-0.2	+0.1	+2	+0.3	22. Do. do. East. . .	59.55	54.10	+3.45	+6	-0.7	-0.2	-0.2	+1	+0.4
7. United Provinces, East . . .	39.85	42.92	-3.07	-7	-0.4	-0.2	+0.3	+3	+0.4	23. Konkan . . .	99.11	97.79	+1.32	+1	+0.1	-0.4	+0.1	+3	-0.1
8. Do. West . . .	45.56	40.54	+5.02	+12	-0.3	-0.5	+0.2	+3	+0.2	24. Bombay Deccan. . .	22.31	27.71	-5.50	-30	+0.2	-0.5	-0.7	+1	-0.1
9. Punjab West and North. . .	35.10	27.83	+7.27	+26	-0.6	-0.2	+0.5	+6	+0.5	25. Hyderabad, North . . .	31.47	33.70	-2.23	-7	-1.1	+0.2	-0.4	+3	-0.2
10. Do. South-west. . .	8.96	9.43	-0.67	-5	-0.2	-0.6	+0.2	+5	+0.1	26. Do. South . . .	30.81	30.48	+0.38	+1	-0.6	-0.2	-0.1	+2	+0.2
11. Kashmir . . .	21.24	24.63	-3.39	-14	-1.5	-0.9	-0.5	-1	-0.1	27. Mysore . . .	24.19	45.97	-11.78	-26	0	+0.4	-0.2	+2	+0.4
12. North-West Frontier Province. . .	7.28	11.65	-4.37	-38	-0.3	-0.5	+0.2	+1	-0.1	28. Malabar . . .	101.27	106.28	-7.01	-6	+0.6	+0.2	+0.3	+1	+0.6
13. Baluchistan . . .	5.50	6.93	-1.48	-21	+0.8	-0.2	0	-1	0	29. Madras, South east. . .	29.93	39.77	-9.84	-25	-0.1	+0.3	-0.5	0	+0.7
14. Sind . . .	5.59	6.47	-0.88	-14	+0.4	-0.5	+0.8	+5	-0.1	30. Do. Deccan . . .	22.20	25.26	-8.08	-12	-0.4	-0.2	-0.6	0	+0.1
15. Rajputana, West. . .	18.65	11.88	+7.52	+66	-1.1	-1.1	+0.8	+2	-0.7	31. Do. Coast, North. . .	30.75	39.93	-9.18	-23	-0.6	+0.1	-0.2	+2	+0.1
16. Do. East . . .	27.09	27.06	+10.02	+37	-1.4	-1.1	+0.1	+5	-0.2										

\* Based on data from the meteorological observatories only as in Monthly Weather Reports. For fuller data see Tables X to XIV.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar. column above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.					Minimum temperature, °F.					Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, millibars.			Relative humidity %			
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Largest during the year.	Month.	Mean.	8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean.	8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean.	8 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 8 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22						
<b>BAY ISLANDS.</b>																											
Port Blair	261	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>ASSAM.</b>																											
Dibrugarh	348	998.9	-0.1	994.7	82.7	+1.5	98	VI	64.7	-0.5	43	XII	71.1	76.5	69.0	71.0	22.9	-0.4	24.3	85	-3						
Sibpazar	317	999.8	-0.6	995.2	88.2	+1.7	100	V	65.8	0	42	I	71.0	77.8	68.5	71.2	23.9	-0.8	24.6	80	-1						
Tespur	258	1,001.6	-0.5	997.8	84.5	+0.8	..	..	66.4	-0.8	42	I	72.3	79.0	69.0	72.2	23.7	0	24.7	84	-1						
Gauhati	182	1,008.7	-0.2	999.7	87.1	+2.4	100	IV	67.0	+0.4	44	II	72.2	80.9	69.1	71.0	23.9	0	23.4	85	+1						
Dhubri	116	1,006.5	-0.6	1,001.9	88.4	-0.8	99	IV	67.0	-0.3	46	I	71.8	79.6	68.9	73.0	23.7	-0.2	24.1	85	+2						
Slilchar	98	1,006.8	-0.6	1,002.9	88.1	0	97	VI	67.7	+0.8	46	I	72.0	80.8	69.3	73.8	24.3	-0.5	25.2	87	+3						
Srimangal	89	1,007.3	-0.5	1,005.8	86.9	-1.7	96	4 months	65.6	+0.2	40	II	72.3	79.8	70.0	73.5	25.0	+0.4	25.9	89	+4						
<b>BENGAL.</b>																											
Cox's Bazar	38	1,008.7	+0.1	1,005.7	85.4	+0.4	95	III	69.6	+0.1	50	I	78.1	79.5	78.2	74.0	26.2	-0.4	26.4	79	-3						
Chittagong	97	1,006.6	-0.5	1,002.6	85.4	+0.8	95	III	69.7	+0.4	48	I	75.6	79.7	71.2	73.3	24.8	-0.9	25.7	79	-3						
Noakhali	98	1,008.6	-0.2	1,005.7	85.6	+0.8	95	III, IV, V	71.8	-0.3	49	I	76.2	81.7	78.5	75.7	27.9	+1.1	28.3	88	+5						
Comilla	20	1,008.4	-0.5	1,005.0	86.5	+0.1	100	III	69.8	-0.5	48	II	73.7	82.8	71.8	76.0	25.5	-0.6	25.3	84	+5						
Brahmanbaria	32	1,008.5	..	1,004.8	86.1	-1.4	100	III	69.0	+1.3	48	I	75.3	82.0	71.8	74.4	25.7	+1.0	26.1	83	+7						
Narayanganj	26	1,006.3	-0.4	1,004.6	87.0	+0.8	100	III	..	..	47	I	75.7	82.6	71.7	74.0	25.7	-0.3	25.6	81	0						
Mymensingh	89	1,007.7	-0.2	1,004.1	85.7	+0.4	100	IV	68.4	-0.5	45	I	74.2	81.7	76.5	73.1	24.7	-0.2	24.5	82	-1						
Faridpur	27	1,008.1	-0.1	1,004.6	84.7	-1.0	96	III, IX	68.5	-0.5	44	I	76.0	80.8	72.0	75.7	25.9	-0.5	26.4	81	0						
Barisal	11	1,008.6	-0.4	1,005.5	86.4	+0.3	97	III, V	70.8	+0.3	49	I	77.0	81.7	72.4	73.7	25.9	-0.9	25.3	79	-3						
Khulna	16	1,008.9	+0.1	1,005.6	87.5	+0.3	97	III	70.4	-0.3	47	XII	77.0	81.5	72.2	73.5	25.7	-0.3	25.3	78	+1						
Jessore	26	1,006.4	-0.4	1,004.2	86.2	+0.8	100	III, V	67.1	-0.8	40	I	75.0	82.5	72.3	74.2	26.7	+0.5	25.9	87	+6						
Satkhira	16	1,008.3	-0.3	1,004.9	87.6	-1.1	99	III, IV, V	69.2	-0.6	48	XII	75.9	82.9	72.3	75.1	26.5	-0.2	26.8	88	+2						
Dum Dum	33	1,008.2	..	1,005.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Calcutta	21	1,008.8	-0.2	1,004.6	88.8	+0.1	104	VI	70.9	+0.7	47	I, XII	75.3	82.9	71.7	73.6	26.0	+0.2	25.1	82	0						
Sauger Island	10	1,008.3	-0.3	1,005.9	84.8	-0.8	95	III	78.1	-0.3	50	I	78.4	80.5	73.3	74.1	26.5	-1.1	26.6	77	-4						
Sandheads	28	1,007.9	-0.3	1,005.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Midnapore	148	1,003.6	-0.4	999.0	80.5	-0.4	111	V	69.8	-0.9	45	XII	74.6	85.6	69.9	72.2	24.0	-0.1	21.7	77	+3						
Burdwan	106	1,006.3	-0.1	1,001.6	89.1	+0.1	108	V	69.6	-0.6	46	XII	75.0	85.0	70.2	72.1	24.3	-0.1	21.9	77	0						
Krishnagar	48	1,007.3	-0.2	1,005.8	89.2	+0.5	106	V	67.9	-0.9	42	XII	74.9	83.2	71.0	73.3	25.3	+0.2	24.3	81	+4						
Asansol	414	994.4	-0.1	990.7	89.2	-0.5	115	VI	69.4	-0.3	45	XII	74.3	84.1	68.3	70.4	22.3	-0.3	19.9	72	0						
Berhampore	92	1,006.6	-0.3	1,003.1	80.0	+1.0	106	IV	68.5	-0.9	43	I	75.7	83.2	70.4	72.3	24.3	-0.3	23.9	75	-3						
Bogra	68	1,006.6	-0.7	1,003.2	86.5	0	103	IV	67.9	-0.3	43	I, II	73.7	82.4	70.1	72.8	24.7	+0.2	24.1	81	+1						
Malda	103	1,005.5	-0.2	1,002.0	..	..	104	IV	67.6	-0.1	41	I	74.3	82.2	69.5	72.1	23.7	-0.3	23.2	77	+2						
Dinajpur	123	1,005.2	+0.1	1,001.5	86.1	0	105	IV	66.7	-0.5	40	I	73.0	82.2	68.9	72.5	23.5	0	23.7	80	-1						
Jalpaiguri	271	1,000.2	-0.3	996.5	84.4	-0.2	97	III, IV	66.6	-0.8	42	I	69.5	81.2	66.3	71.4	21.8	-1.5	22.6	84	-1						
<b>ORISSA.</b>																											
Balasore	65	1,006.3	-0.6	1,002.9	88.0	-0.7	113	VI	70.7	0	48	XII	76.1	82.1	71.4	74.3	25.3	+0.1	26.3	78	+1						
Chandbali	20	1,008.3	0	1,004.9	88.3	-0.6	113	VI	71.1	-0.6	48	XII	76.5	83.0	72.1	74.1	26.0	-0.5	25.2	80	-1						
Puri	20	1,008.4	0	1,005.2	85.8	-0.3	100	VI	74.6	-0.2	54	I	78.1	81.0	73.7	75.9	27.1	-0.6	28.5	79	-2						
Gopalpur	56	1,007.0	-0.2	1,003.8	86.1	-0.2	99	VI	72.7	-0.6	53	I	78.1	81.5	74.1	76.7	27.6	+0.7	29.5	82	+2						
Cuttack	87	1,006.1	-0.3	1,002.5	91.9	+1.0	112	V	72.2	0	50	XII	76.7	85.8	71.9	73.6	25.3	-0.4	23.2	79	0						
Angul	455	993.2	-0.1	989.5	90.7	+0.5	112	V	69.7	-0.2	47	I, XII	75.2	86.0	69.7	71.2	23.1	-0.3	20.1	75	0						
Sambalpur	486	991.8	-0.6	988.2	90.7	+0.2	113	VI	68.3	-1.3	44	XII	73.5	87.8	68.6	73.1	23.4	+0.3	21.6	78	+7						
<b>CHOTA NAGPUR.</b>																											

## 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945.

Cloud amount (tenths of sky.)	Rainfall, inches.			Number of rainy days, (0.1" or more.)	Wind velocity, miles per hour.	Wind direction—Number of winds during the year from :-													STATION.													
	Total of the year.	Departure from Normal.	Periods fall during the year in hours.			Total in the year.	Departure from Normal.	Mean.	Departure from Normal.	8 hrs. I. S. T.						17 hrs. I. S. T.																
M.	A.	I.	M.	M.	M.	M.	M.	M.	M.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm					
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6.6	+0.6	5.2	112.07	+2.16	6.00	VI	127	-8.1	1.4	+0.6	66	87	133	11	16	6	13	27	27	26	58	29	4	5	5	11	12	221	Port Blair.			
8.0	+0.2	6.1	104.92	..	..	IX	109	..	1.9	-0.2	3	39	187	9	4	4	19	5	136	59	70	23	14	18	28	22	28	101	Dibrugarh.			
8.0	-0.3	4.0	70.04	-2.56	3.24	IX	109	..	1.9	+0.9	47	27	50	51	29	13	11	15	43	41	90	63	20	17	44	42	20	38	138	Tespur.		
8.7	+0.6	4.9	60.48	+2.97	2.75	VI	90	+0.7	2.3	+0.9	38	58	80	19	34	24	10	10	83	28	35	50	14	20	45	25	13	117	Gauhati.			
8.6	+0.5	4.4	180.34	+32.44	4.95	VI	116	+15.8	6.1	0	11	113	44	113	10	21	2	16	35	15	45	8	24	14	40	26	73	120	Dhubri.			
5.1	+0.6	4.7	147.11	+17.41	4.30	VII	143	+6.0	1.2	-0.3	11	45	22	73	73	31	14	14	82	18	46	17	36	58	42	44	22	87	Silchar.			
5.6	+0.7	4.9	111.20	+12.83	5.90	VIII	134	+13.0	2.8	0	11	45	22	73	73	31	14	14	82	18	46	17	36	58	42	44	22	87	Seimangal.			
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4.8	+0.2	4.7	167.87	+27.77	6.70	VI	111	+4.0	3.7	+0.6	27	37	24	87	70	18	10	20	72	18	5	5	44	94	47	38	34	60	Cox's Bazar.			
5.1	+0.4	4.8	106.45	-1.18	4.25	VIII	95	-1.2	4.6	-1.2	36	57	31	74	80	15	4	1	67	42	3	3	21	67	99	60	39	31	Chittagong.			
5.2	+0.9	4.7	111.62	-3.38	6.26	VIII	124	+12.4	7.0	+8.5	71	18	7	98	94	10	4	31	736	29	9	1	83	114	11	44	53	720	Noakhali.			
5.3	+1.0	5.1	77.51	-16.82	3.66	VI	99	-1.5	5.3	+1.9	30	5	15	84	88	4	1	4	134	20	5	8	33	159	15	10	13	122	Comilla.			
3.8	..	3.5	78.87	+0.52	6.12	VI	104	+7.7	..	..	27	10	28	64	96	31	5	6	108	10	3	0	45	76	30	2	17	182	Brahmapur.			
4.6	-0.6	4.0	67.19	+6.60	3.89	X	78	-15.2	2.8	-0.3	44	9	38	48	96	32	19	35	44	10	0	75	38	116	34	37	40	72	Narayanganj.			
5.2	-0.1	4.9	111.70	+20.22	4.35	VII	122	+18.5	2.7	+1.0	12	15	95	83	14	5	16	18	107	4	6	58	66	11	10	46	19	145	Mymensingh.			
5.1	+0.9	4.5	55.38	-15.65	2.86	VI	96	..	4.7	+0.4	13	26	13	103	82	2	6	64	*54	11	21	8	90	81	2	2	34	7115	Feridpur.			
5.2	+0.6	4.1	74.71	-6.50	4.80	VIII	104	+2.1	..	..	46	10	31	30	99	16	18	53	53	6	2	8	25	122	11	5	8	181	Barisal.			
5.7	+0.6	5.3	62.28	-5.57	3.89	VIII	93	-0.9	3.9	+0.7	48	27	18	76	58	32	14	36	56	15	11	17	107	58	17	3	17	127	Moulmein.			
3.4	-1.1	3.5	67.96	+3.03	4.41	X	76	-11.3	4.0	+1.8	64	23	23	62	104	25	11	20	33	13	7	15	55	166	22	12	17	116	Jessore.			
4.5	+0.2	4.3	64.13	-0.38	3.90	VIII	95	+8.0	2.8	+0.6	57	14	19	37	88	9	2	8	131	13	5	16	43	104	11	2	10	161	Satkhira.			
4.8	..	4.6	51.48	..	..	..	..	..	..	48	27	37	36	63	64	11	42	37	43	18	19	41	94	50	52	65	722	Bun Dih.				
4.6	-0.1	4.5	53.74	-9.24	4.24	X	82	-2.3	2.7	-0.5	33	20	30	28	52	72	11	22	97	27	7	16	28	85	62	8	37	39	50	Calcutta.		
4.0	-1.4	4.1	85.15	+16.35	7.67	VI	82	+2.9	12.4	+3.2	74	55	21	20	36	120	17	17	6	61	22	6	49	118	82	7	12	8	510	Saigon Island.		
4.2	-0.8	4.1	932.18	..	1.81	X	161	..	..	..	53	83	17	20	44	114	33	7	16	51	33	19	38	73	109	14	12	5310	Sandwedge.			
4.7	+0.8	5.1	50.68	-8.03	2.12	X	86	+6.3	4.1	+1.8	73	52	28	10	78	56	11	4	53	74	46	18	11	127	25	6	8	50	510	Midnapore.		
4.2	-0.4	4.3	41.69	-17.94	2.73	VIII	72	-6.2	4.1	+2.1	40	19	47	24	27	67	14	38	89	51	26	54	35	42	31	23	49	55	510	Burdwan.		
4.7	+0.3	4.6	58.70	+1.34	6.53	X	87	+8.7	3.1	+0.2	14	32	17	63	61	42	12	49	75	9	10	11	69	51	14	21	26	154	Krishnagar.			
4.5	+0.2	4.9	62.03	+5.71	3.94	VII	80	+4.1	4.7	+0.5	43	32	61	39	14	16	67	61	32	81	51	63	23	5	8	31	68	734	Aranol.			
4.9	+0.2	4.6	54.86	+0.26	7.72	X	90	+3.6	..	..	9	3	43	26	70	3	9	6	191	7	2	40	24	47	1	7	8	229	Berhampura.			
4.9	+0.5	3.0	77.37	+8.23	6.92	VII	91	+6.6	2.7	+0.9	36	37	107	60	22	32	27	28	16	13	22	71	69	19	18	75	25	53	Bogra.			
4.6	+1.2	4.1	72.23	+15.60	7.14	VII	73	+3.8	4.0	+0.1	44	42	54	44	57	29	12	51	32	24	28	57	50	30	11	31	87	47	54	510	Makia.	
4.9	+0.6	4.3	73.86	+1.60	6.26	VIII	88	+8.9	2.7	+0.4	22	38	69	27	22	9	31	3	84	9	60	55	23	17	14	56	2	129	Dinajpur.			
4.9	+1.3	4.4	135.21	+6.58	6.00	IV	125	+17.1	3.5	+1.9	83	98	88	10	9	9	9	22	37	12	36	92	24	31	35	14	72	Jyotiaghata.				
4.8	+0.5	5.2	87.84	+25.84	6.47	X	89	+12.2	4.7	+1.4	78	45	2	4	46	98	7	50	35	18	13	14	100	78	34	6	16	86	ORISSA.			
4.6	-0.3	4.1	60.16	-8.04	6.12	X	74	-6.8	5.9	+0.1	83	12	3	10	72	66	46	45	22	14	42	68	100	76	29	17	4	16	Chandballi.			
4.6	+0.3	4.6	56.21	+2.56	6.77	VII	72	+0.9	11.6	+2.4	111	31	5	11	35	115	27	30	0	15	34	24	55	113	105	18	1	0	Puri.			
4.4	+1.0	4.0	35.54	-8.96	3.77	IX	60	-6.3	10.8	+2.4	123	6	2	10	35	116	11	57	5	18	20	54	58	71	129	5	9	1	166	Gopipur.		
4.6	0	4.9	57.63	-8.34	6.30	VII	74	-0.5	3.6	+1.5	19	40	17	5	36	45	58	32	113	21	20	32	15	68	51	37	10	166	Cuttack.			
4.3	-0.4	5.1	53.06	+8.27	3.56	VII	77	+4.9	4.9	+0.8	12	16	18	13	11	8	72	77	133	48	22	34	35	25	17	54	48	87	Angul.			
4.8	+0.7	5.5	58.96	-6.80	5.51	VII	75	+1.1	3.8	+1.0	40	37	7	3	35	38	2	12	191	23	32	7	10	40								

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar. & mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.				Relative humidity, %		
		Mean s. hrs. I. S. T.	Mean 17 hrs. I. S. T.	Departure from normal.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.	Mean s. hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
<b>BIHAR.</b>																								
Purnea . . .	124	1,004.8	-0.3	1,001.2	87.1	+0.4	104		IV	65.9	-0.2	87	I	72.4	82.3	68.0	71.9	22.8	-0.4	22.8	79	-2	60	
Darbhanga . . .	161	1,008.4	-0.1	999.8	86.9	0	103	IV, V, VI	66.7	-0.5	41	I	72.1	83.7	67.9	72.9	22.9	+0.1	23.6	81	+5	59		
Motihari . . .	218	1,001.0	-0.4	997.5	..	..	..	..	64.7	-0.6	88	XII	72.8	82.8	68.2	72.0	22.8	+0.1	22.8	79	+4	59		
Patna . . .	173	1,002.6	-0.4	999.3	87.9	+0.3	100	VI	68.7	-0.2	43	I	74.3	84.0	67.7	70.3	21.6	-0.5	19.9	70	0	61		
Dehri . . .	352	995.9	..	992.6	88.7	..	114	V	68.5	..	44	XII	74.1	84.0	67.1	70.1	20.9	..	19.8	71	..	51		
Gaya . . .	365	995.9	-0.1	992.5	89.0	0	..	..	68.1	+0.7	39	XII	74.8	85.3	67.1	69.1	19.8	+0.8	17.9	65	+4	46		
Naya Dumka . . .	489	991.6	-0.6	988.2	88.4	+0.6	110	VI	67.6	-0.3	40	I	74.1	83.3	68.8	71.1	22.8	+0.7	21.2	74	+4	55		
Sabour . . .	122	1,004.6	-0.1	1,000.9	86.9	-0.6	106	V, VI	65.8	-0.3	39	XII, XIII	73.9	82.1	69.9	74.6	24.5	+1.9	26.2	81	+5	70		
<b>U. P., EAST.</b>																								
Gonda . . .	360	996.7	..	993.2	87.9	-0.8	112	VI	64.7	-0.9	38	XII	70.1	83.8	64.9	60.7	20.3	+0.1	19.3	77	+5	50		
Gorakhpur . . .	254	999.5	-0.5	996.1	..	..	108	VI	67.3	+0.6	43	I & XII	72.1	82.9	67.4	71.9	22.3	+0.7	22.7	78	+4	57		
Benares . . .	250	999.6	-0.4	996.4	88.9	-0.7	112	VI	66.7	-0.1	39	XII	72.1	86.5	66.7	71.4	21.6	+0.9	20.7	76	+7	48		
Allahabad (Bamrauli)	322	997.8	-0.3	994.1	89.7	-0.4	114	VI	66.9	+0.6	38	I	72.3	87.0	64.8	68.8	19.1	-0.4	16.8	67	0	41		
Fatehpur . . .	375	995.3	..	991.9	90.5	+0.1	116	VI	66.0	-0.3	36	XII	72.4	79.3	64.8	70.1	19.1	-1.2	19.3	67	-1	47		
Cawnpore . . .	413	992.4	-1.8	990.9	89.7	+0.7	115	VI	65.9	-0.1	36	XII	71.2	86.5	64.2	70.7	19.0	+0.1	19.3	7	+2	47		
Lucknow . . .	371	..	..	..	89.9	+0.2	114	VI	66.6	-0.4	38	I & XII	71.7	85.5	65.0	70.5	19.8	+0.1	11.4	70	+1	48		
Bahraich . . .	407	993.9	-0.4	990.9	87.6	-0.7	112	VI	65.3	-0.5	40	XII	70.4	92.4	..	..	..	..	..	..	..	..		
<b>U. P., WEST.</b>																								
Jhansi . . .	824	980.1	-0.7	977.0	90.3	-0.9	116	VI	65.8	-2.6	37	XII	71.3	87.4	61.6	68.4	15.5	-1.8	14.1	59	+1	34		
Agra . . .	553	989.6	0	986.3	89.8	-0.2	115	VI	65.9	+0.8	34	XII	70.7	86.9	64.5	70.8	19.1	+2.8	19.5	70	+12	46		
Mainpuri . . .	510	990.3	-0.3	987.3	90.1	-0.5	117	VI	64.6	-0.6	35	I, XII	69.5	86.0	63.5	70.5	18.9	+0.7	19.6	72	+7	47		
Allgarh . . .	15	986.9	..	984.3	89.2	+0.4	115	VI	65.0	-0.6	35	I	70.2	85.9	62.2	69.7	17.4	+0.6	16.5	64	+4	39		
Bareilly . . .	568	988.3	-0.6	985.3	88.0	+0.4	114	VI	65.4	+0.4	37	I, XII	70.2	84.6	63.5	68.3	18.6	-1.1	17.3	71	-2	46		
Roorkee . . .	890	976.8	-0.8	974.4	85.8	-0.4	113	VI	61.9	-0.3	36	I	77.6	82.7	61.1	66.9	17.2	-0.2	16.4	72	0	51		
Dehra Dun . . .	2,239	981.7	-1.0	980.3	81.2	-0.3	106	VI	59.6	-0.7	30	I	65.6	77.5	59.2	64.1	15.7	0	15.4	71	0	51		
<b>PUNJAB, EAST AND NORTH.</b>																								
New Delhi . . .	714	983.4	-0.5	980.6	88.7	-0.1	116	VI	64.3	-0.2	33	I	68.6	86.0	60.3	66.5	16.1	-0.5	14.4	63	+2	36		
Hissar . . .	725	983.6	0	981.8	89.9	-0.3	117	VI	61.8	-1.6	30	XII	65.7	86.2	60.9	71.1	17.7	+1.6	21.5	75	+15	45		
Ambala . . .	892	977.4	-0.1	975.1	87.8	-0.4	117	VI	63.8	+0.2	32	XII	67.4	84.5	60.8	67.2	16.9	0	16.1	70	+5	41		
Ludhiana . . .	812	980.8	-0.1	977.7	87.5	-0.6	116	VI	63.0	-0.6	33	I, XII	67.3	84.8	61.1	70.5	17.0	+0.6	17.3	73	+6	44		
Lahore . . .	702	983.7	-0.2	981.4	87.1	-2.1	115	VI	61.3	+0.3	31	I, XII	65.5	85.3	61.2	68.5	18.5	+2.0	17.6	80	+14	43		
Sialkot . . .	830	979.5	-0.3	977.1	..	..	116	VI	63.1	+0.9	31	I	67.8	88.2	60.7	67.1	16.6	-0.3	16.6	68	-4	44		
Bawalpindhi* . . .	1,674	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
<b>PUNJAB, SOUTH-WEST.</b>																								
Khushab . . .	612	986.4	-1.0	984.3	88.6	-1.0	117	VI	62.0	-1.6	30	XII	67.2	86.8	59.5	66.3	15.9	+0.6	14.1	64	+5	31		
Lyallpur . . .	606	986.5	-0.6	984.5	87.8	-0.9	115	VI	62.4	-0.1	30	I	66.6	85.4	59.9	67.1	16.6	+0.8	15.4	70	+6	31		
Montgomery . . .	558	987.8	-1.0	985.6	89.5	-1.0	115	VI	62.8	-1.4	30	I	67.3	86.7	60.5	67.6	16.9	-1.2	15.6	68	-2	30		
Lehri . . .	490	991.1	..	988.6	90.7	..	118	VI	62.0	..	28	XII	67.2	88.7	60.5	68.6	17.4	..	16.3	70	..	31		
Multan . . .	413	998.6	-0.2	991.6	91.3	+1.2	118	VI	64.8	-0.2	31	I	68.0	89.6	63.4	71.9	19.0	+0.2	19.9	74	+7	41		
Port Abbas . . .	475	991.4	..	988.8	92.4	..	118	VI	64.3	..	30	XII	68.5	89.5	61.5	71.1	17.6	..	16.4	67	..	30		
Bahawalpur . . .	384	994.4	-0.3	992.0	91.4	-0.4	116	VI	64.0	+0.3	30	I	66.4	89.6	60.3	69.1	17.1	-1.1	16.3	70	+5	30		
Khanpur . . .	297	997.5	-0.4	994.8	93.7	+0.1	118	VI	63.5	-0.3	26	I	67.3	92.1	61.7	72.1	18.7	+2.4	22.2	72	+10	31		
<b>KASHMIR.</b>																								
Srinagar . . .	5,205	841.1	-2.1	838.6	68.6	+0.7	100	VI	44.2	+0.3	17	I	48.4	64.3	45.7	53.6	10.6	-0.7	11.1	84	-3	5		
Gulmarg . . .	8,709	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Dras . . .	10,059	703.8	+0.2	701.6	44.8	-3.4	84	VII	22.1	-0.1	-80	I	27.8	42.6										

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—contd.

Cloud amount. (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10" or more).		Wind veo- city, mill.-per hr.		Wind direction—Number of winds during the year from :—																			
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.										
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.
24	25	26	27	28							35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
																													Bihar.
4.1	+0.4	3.6	60.15	+0.18	5.20	VIII	74	+3.2	3.1	+0.9	10	39	136	22	3	44	50	7	54	6	25	102	18	4	28	60	5	117	Furnee.
4.1	+0.6	3.4	57.09	+7.28	3.97	VIII	60	+2.6	3.6	+6.9	3	90	108	24	2	12	88	23	20	10	70	64	37	2	27	108	26	21	Darbhanga.
3.8	+0.8	3.5	40.57	-12.88	2.90	VIII	62	+4.4	..	..	0	5	136	19	3	2	52	1	147	1	2	79	15	3	5	48	5	207	Motihari.
3.7	+0.1	3.6	41.78	-4.91	5.22	IX	55	-0.6	4.4	+1.1	3	58	85	34	11	80	46	14	34	12	51	58	18	2	17	78	66	68	Patna.
3.6	..	3.7	..	..	4.95	IX	..	..	..	..	4	14	27	23	37	79	27	13	*138	32	28	24	11	7	4	31	81	*145	Dehri.
3.5	+0.4	4.0	48.48	+1.75	2.95	X	64	+5.1	5.7	+1.2	2	22	60	46	122	59	23	9	22	72	43	34	14	10	12	59	112	9	Gaya.
3.2	-0.3	3.6	65.80	+7.50	5.02	VIII	86	+8.4	2.0	+1.0	3	54	9	62	0	45	3	73	116	5	61	7	69	0	38	6	104	75	Naya Dausa.
4.4	+0.1	4.0	47.68	+4.41	3.08	IX	70	+10.0	3.3	-1.2	3	33	87	37	26	30	48	8	84	10	36	58	18	8	2	59	54	120	Sabour.
																													U. P. East.
3.4	-0.1	3.2	49.16	-2.90	3.11	VI	69	+13.4	3.6	+0.1	4	12	177	4	3	5	97	19	44	12	9	80	18	7	10	137	50	40*	Gonda.
3.6	+0.9	3.3	49.70	-0.37	4.12	IX	63	+6.1	3.3	+1.4	16	56	97	30	11	23	72	6	54	18	39	36	37	14	22	121	24	55	Gorakhpur.
3.3	-0.1	3.1	40.24	-0.73	3.53	X	52	-1.0	5.2	+2.3	6	39	64	18	21	110	62	8	37	24	53	35	11	1	18	118	102	.6	Benares.
3.7	+0.1	3.7	31.60	-10.13	2.64	VIII	50	+5.9	3.6	+0.1	11	29	49	12	14	51	95	18	86	40	42	29	7	5	16	71	89	66	Allahabad (Barranhi).
3.3	+0.2	3.1	25.85	-8.98	2.88	VII	45	-8.2	3.0	+0.1	1	17	52	23	4	24	61	83	150	8	16	42	9	4	5	51	114	116	Kaithpuri.
3.2	+1.1	3.2	24.26	-11.65	3.35	VIII	41	-4.7	6.3	+1.1	12	37	46	30	17	75	69	30	49	53	40	39	18	6	26	88	81	14	Gawapura.
3.1	+0.1	2.6	34.42	-5.60	2.20	VII	47	-2.2	..	..	3	3	91	8	11	0	82	13	154	13	7	61	2	5	3	105	23	*147	Lucknow.
3.8	+0.8	3.4	60.32	+14.66	6.75	X	62	+14.0	4.1	+1.8	20	16	91	76	4	24	32	41	61	9	6	62	40	10	30	38	55	115	Bahraich.
																													U. P. West.
3.1	+0.5	2.8	29.58	-7.29	4.65	VII	61	-5.6	4.3	+1.2	9	21	22	17	3	93	43	51	6	17	14	25	2	2	21	196	86	2	Jhansi.
2.8	-0.1	2.2	30.59	+3.85	5.80	IX	39	+1.6	2.8	-0.6	25	24	24	11	24	44	38	57	118	20	18	20	9	20	21	29	121	107	Agra.
2.9	-0.2	3.1	32.31	+4.33	2.54	VII	47	+8.6	2.7	+0.8	9	10	38	48	19	28	86	58	69	8	9	30	37	10	14	108	90	59	Mainpuri.
2.8	+0.3	2.9	31.65	+0.80	3.87	VII	41	+2.2	4.1	+0.1	31	7	54	30	16	14	14	29	70	71	7	31	15	17	12	57	78	77	Aligarh.
3.6	+0.2	3.4	58.40	+15.75	7.24	VII	59	+12.3	3.5	+1.6	21	22	82	47	14	18	54	41	*56	28	20	36	35	16	22	96	73	39	Bareilly.
3.9	+0.9	3.5	60.23	+18.91	5.48	VII	53	+5.2	3.1	+1.0	8	11	4	112	2	11	5	84	*127	3	4	4	86	5	14	4	162	83	Roorkee.
4.2	+0.2	4.6	87.55	+2.51	4.66	IX	98	+17.0	2.0	+0.2	36	30	8	16	18	14	31	20	192	28	7	6	17	28	65	80	32	102	Dehra Dun.
																													Punjab, East and North.
3.6	+0.5	3.6	29.35	+3.11	2.60	IX	48	+11.9	..	..	10	28	43	18	7	55	18	47	39	40	50	36	12	5	18	38	141	25	New Delhi.
1.8	-0.3	2.2	27.50	+10.74	4.85	IX	31	+5.3	4.5	+0.3	13	15	34	37	44	02	54	25	41	49	26	31	24	15	32	63	80	*44	Hissar.
2.9	-0.1	3.0	47.25	+14.28	8.88	IX	43	+1.0	3.6	+0.8	0	7	0	137	0	13	0	30	78	0	11	0	76	0	18	0	219	41	Ambala.
3.3	+0.6	3.7	45.13	+17.92	7.14	IX	40	+4.5	1.5	-0.1	8	39	9	57	5	39	3	27	178	8	62	9	34	2	35	7	130	78	Ludhiana.
3.4	+0.7	3.8	21.55	+2.34	1.91	VII	33	+5.4	1.9	+0.2	31	24	34	31	20	15	13	25	172	24	30	21	20	9	17	60	90	94	Lahore.
3.2	+0.7	3.0	33.91	+2.08	2.78	VI	40	-1.0	2.5	+0.9	16	100	25	30	7	8	1	66	103	10	35	7	37	13	48	15	81	119	Sialkot.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	PUNJAB, SOUTH- West.
2.2	-0.2	2.7	14.41	-0.77	2.20	IX	24	+0.4	4.3	+0.2	32	112	46	29	19	27	20	22	58	25	49	54	89	53	38	27	14	16	Khanabad.
2.8	-0.4	3.5	14.80	+2.74	2.59	VIII	18	-3.0	2.5	+0.3	18	33	33	30	35	50	24	33	100	13	38	26	31	29	60	32	63	73	Laylpur.
2.0	+0.1	2.6	12.39	+2.35	2.64	VIII	15	-2.6	1.6	-2.0	4	17	9	56	18	15	11	11	224	8	17	22	38	16	23	24	30	187	Montgomery.
1.6	..	2.1	6.53	..	3.25	VII	10	..	4.7	..	54	36	17	33	43	28	29	100	10	30	33	39	62	43	70	36	37	Leh.	
3.1	+1.8	2.1	3.78	-3.27	0.49	VII	12	-0.5	3.3	+1.6	93	7	15	7	114	23	12	24	70	45	29	16	34	41	86	8	29	77	Multan.
2.7	..	3.7	7.45	..	1.16	VIII	18	..	6.2	..	28	43	50	44	44	80	10	14	52	71	50	14	11	24	76	67	35	17	Fort Abbas.
2.1	+0.1	1.6	5.85	+0.20	2.12	VIII	11	+0.6	3.4	+0.3	19	31	32	34	65	57	3	6	118	30	38	17	19	19	33	76	29	11	

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %			
		Mean hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	Mean.	Departure from normal. Highest during the year.	Month.	Mean.	Departure from normal. Lowest during the year.	Month.	Mean hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean hrs. I. S. T.	Departure from normal.	Mean hrs. I. S. T.	Mean 17 hrs. I. S. T.	Departure from normal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
M.-W. P. PROVINCE.																							
Peshawar . . .	1,175	989.6	-0.6	988.2	84.7	-0.3	116	VI	98.8	-0.2	31	I	94.9	82.5	57.3	64.4	14.3	+0.4	13.6	63	+2		
Bannu . . .	1,264	986.4	..	982.4	86.5	-1.0	115	V	92.4	+0.6	31	I, XII	97.1	88.4	58.2	64.1	14.4	+0.2	13.6	57	-1		
Miranshah . . .	3,026	..	..	..	88.6	+0.8	111	VI	98.4	-1.0	24	I	91.6	77.3	52.6	68.6	10.9	0	12.6	55	+1		
D. I. Khan . . .	570	988.2	-0.9	985.6	88.7	+0.1	117	VI	91.6	-1.3	29	I	95.5	87.4	62.0	68.8	17.6	-0.2	18.6	69	+2		
BAKTHIURAN.																							
Port Daudkotan . . .	4,614	859.0	+0.2	855.6	79.6	-0.1	107	VI	83.8	+0.1	15	I	57.3	78.9	49.1	58.2	10.1	+0.7	8.6	56	-7		
Loralai . . .	4,800	854.8	..	862.1	77.9	..	103	VI	49.5	..	19	I	59.3	75.6	44.8	58.1	7.6	..	8.7	47	..		
Sibi . . .	441	982.3	+0.2	988.0	93.7	-0.2	123	VI	66.9	-0.2	31	I, XII	70.5	92.3	60.3	69.1	15.5	+2.2	18.3	52	+5		
Quetta . . .	8,490	880.6	-1.8	829.3	74.2	..	101	VI	43.7	..	4	I	54.2	72.1	44.5	49.1	7.6	-1.7	6.2	48	-15		
Chaman . . .	4,311	867.2	-0.8	835.6	79.3	+1.1	106	VI	55.8	+0.9	16	I	61.3	77.6	58.1	58.5	9.1	+1.2	18.8	47	+2		
Kaleet . . .	6,616	799.6	+0.7	797.0	71.1	-1.1	96	VI	..	..	-1	I	48.4	68.3	38.8	47.8	4.9	-2.5	4.8	45	-9		
Dalbandin . . .	3,796	915.9	+0.5	913.9	87.7	+0.6	114	VI	54.0	-0.6	19	I, XII	56.0	88.2	48.5	68.3	8.2	-0.2	16.0	47	0		
Nokhrund . . .	2,220	939.2	..	931.0	90.8	+1.1	119	VI	61.9	-0.2	20	I, XII	66.6	89.6	53.4	63.9	8.6	-1.1	19.4	41	-3		
Las Bela . . .	202	999.0	+0.1	998.1	98.8	+1.8	117	V	64.3	+0.1	23	I	68.7	98.8	65.8	77.2	21.0	+0.5	23.4	82	+9		
Ormanzai . . .	16	..	..	..	87.8	+2.1	111	V	69.9	-0.6	43	I	72.2	88.7	79.6	77.9	26.1	+2.7	29.8	91	+8		
Paani <sup>a</sup> . . .	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Panjgar . . .	2,177	902.6	+0.1	900.2	86.2	+0.6	110	VI	55.9	-1.8	25	I	58.3	88.6	58.6	64.0	13.0	+0.8	16.7	69	+8		
Jiwani . . .	185	1,002.4	..	1,000.6	84.6	..	107	V	69.5	..	42	I	71.8	82.2	68.0	71.0	22.7	..	21.5	81	..		
SIND.																							
Jacobabad . . .	183	1,001.4	-0.1	998.5	93.6	-0.9	119	VI	66.8	-0.1	32	I	70.1	92.1	..	..	..	..	..	..	..		
Sukkur . . .	221	999.9	-0.8	997.1	93.5	+0.3	117	VI	67.0	-0.2	35	I	69.9	91.3	63.4	71.1	18.7	+0.5	18.3	69	+4		
Pad Idan . . .	153	1,002.2	..	998.5	95.1	..	119	VI	63.1	..	30	I	66.8	93.8	60.9	69.9	17.6	..	18.0	71	..		
Umarkot . . .	55	1,005.8	..	1,002.8	94.3	..	115	V	65.5	..	32	I	69.7	92.6	65.6	75.0	21.4	..	22.5	78	..		
Hyderabad . . .	96	1,004.8	-0.1	1,002.6	94.6	+1.2	118	VI	67.0	-0.7	37	I, XII	70.9	91.7	65.2	70.8	20.3	+1.0	18.7	71	+6		
Karachi (Manora) . . .	13	1,008.2	-0.6	1,006.2	83.6	-0.6	97	V	71.9	+0.3	46	I	73.4	81.1	69.6	73.7	24.0	+0.8	23.7	81	+1		
Bedin . . .	31	1,007.6	+0.1	1,005.1	93.1	+1.1	114	V, VI	66.3	-1.4	35	I	68.9	91.0	65.1	71.4	21.2	+0.3	18.3	79	+7		
RAJPUTANA, WEST.																							
Sri Ganganagar . . .	580	987.9	..	985.5	89.6	-1.2	118	VI	60.7	-0.9	28	I	68.5	87.0	61.1	68.4	16.9	+1.8	18.3	68	+8		
Bikaner . . .	734	982.3	-0.8	979.7	91.7	..	117	VI	62.8	..	28	I, XII	67.3	89.3	59.8	68.8	6.8	..	18.4	61	..		
Phalodi . . .	783	981.4	..	979.0	91.4	..	115	VI	64.7	..	29	I	68.1	89.7	61.3	70.1	17.5	..	17.1	66	..		
Jodhpur . . .	736	983.2	+0.9	980.2	90.2	-1.5	114	VI	65.5	-1.1	33	XII	69.3	88.8	60.5	66.8	15.8	+0.5	13.7	56	+1		
Barmer . . .	638	986.3	-0.2	983.5	92.0	-0.4	116	VI	66.9	-1.5	37	I	70.7	90.1	62.7	68.3	17.4	-1.1	14.6	61	-3		
RAJPUTANA, EAST.																							
Jaipur . . .	1,431	960.0	-0.5	957.3	88.0	-1.0	113	VI	63.7	-0.9	32	I	69.1	84.8	60.8	65.7	15.4	+0.2	13.8	59	+4		
Ajmer . . .	1,593	954.5	-0.6	951.0	88.8	-1.4	110	VI	63.8	-1.4	31	XII	69.7	84.4	60.8	66.2	15.6	-0.3	13.9	61	+4		
Kotah . . .	843	979.8	-0.4	976.8	90.5	-1.4	118	VI	67.8	-1.6	38	I	71.6	87.7	62.3	67.5	16.5	+0.4	14.7	59	+5		
Brijnagar . . .	1,053	972.6	-0.3	969.3	89.2	-1.0	115	VI	64.9	-0.5	36	XII	69.3	86.4	62.0	68.5	17.2	-0.2	14.5	67	+5		
Rajsamand . . .	1,850	946.1	..	943.6	85.2	..	110	VI	66.6	..	36	I	69.9	77.7	63.1	67.6	17.7	..	12.2	67	..		
GUJARAT																							
Dessat . . .	466	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Bhuj . . .	343	997.6	+0.1	994.9	89.9	-1.2	111	VI	67.1	-1.0	40	XII	69.7	88.1	64.6	68.4	19.7	-0.7	15.6	73	+8		
Dwarka <sup>a</sup> . . .	37	1,008.4	-0.2	1,006.4	83.9	-0.5	95	III, XI	72.0	-1.0	48	I	73.6	81.1	69.6	72.0	23.6	-0.8	22.9	80	0		
Jamnagar . . .	60	1,008.3	+0.7	..	87.5	-1.9	105	V	68.3	+0.3	..	..	74.5	..	68.4	..	22.0	-0.4	..	71	-3		
Rajkot . . .	432	994.5	-0.3	991.5	91.3	-1.6	112	VI	68.3	-1.1	37	I	68.6	89.2	63.7	68.8	19.3	-0.4	15.0	73	+4		
Verava . . .	26	1,008.6	-0.6	1,006.3	87.2	..	109	III	66.2	..	44	I	71.8	82.2	66.9	75.5	22.1	..	22.2	75	+3		
Jurat . . .	39	1,008.1	-0.4	1,005.4	91.7	+0.2	111	IV	66.8	-0.8	43	I	74.1	88.1	68.8	75.9	22.0	+0.3	24.9	75	+4		
Bhavnagar . . .	55	1,007.9	-0.1	1,004.5	92.1	-1.4	110	VI	67.0	-2.0	40	I	70.8	89.1	63.7	70.5	18.5	-0.8	17.5	67	+6		
Ahmedabad . . .	163	1,004.2	-0.1	1,000.6	92.2	-2.3	113	VI	70.2	-0.5	45	I	72.3	89.6	65.2	70.6	19.2	+0.1	15.2	65	+3		
Dohad . . .	1,003	973.3	..	969.4	89.1	-1.9	112	VI	68.2	-0.9	40	I	69.3	87.1	63.7	70.9	18.7	-0.1	18.7	72	+3		
Brod . . .	115	1,008.7	..	1,002.3	92.0	-0.5	114	VI	66.5	-0.7	38	I	69.9	89.8	63.6	73.3	21.1	+1.0	21.0	79	+10		

<sup>a</sup> Data not available for complete year hence no annual means.

Date not reliable hence no annual means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—contd.

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—														STATION.					
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.								STATION.		
											N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
8.6	-0.2	4.5	9.74	-3.82	2.87	VIII	28	-3.8	8.7	+1.0	35	10	9	21	66	68	18	41	93	47	130	52	22	23	25	11	23	82	N. W. F. PROVINCE.
2.7	+0.6	3.0	8.61	-2.50	1.40	VI	20	-2.6	3.7	..	22	17	26	14	6	9	107	55	109	6	26	96	141	54	0	8	11	14	Peshawar.
1.7	-0.5	3.6	7.03	-5.81	1.28	IV	22	-6.7	5.7	+0.7	7	6	8	1	0	4	16	10	818	5	8	323	30	9	8	10	8	64	Miranshah.
1.9	-0.2	2.8	3.94	-5.15	0.74	IV	12	-4.5	2.5	+1.0	26	98	13	18	7	15	20	24	149	19	78	48	71	33	24	5	12	80	D. I. Khan.
																												BALUCHISTAN.	
2.1	+0.1	3.3	9.27	-1.56	1.44	VIII	22	-2.4	3.4	+1.0	1	14	44	9	5	3	19	1	260	13	23	56	20	10	33	66	40	104	Fort Bandemag.
2.1	..	3.5	8.55	-5.20	0.55	IV	11	-8.0	5.2	..	3	2	6	0	2	22	250	26	54	7	3	20	67	158	38	40	19	18	Loralai.
2.7	+0.9	2.9	5.34	4.073	1.38	VI	10	+0.1	4.5	+0.8	38	16	9	31	36	14	21	44	161	8	6	16	68	127	68	35	20	17	Sibi.
2.1	0	3.1	8.60	..	1.15	VII	19	..	4.6	+2.2	14	14	7	31	71	19	8	9	197	69	9	1	5	36	42	67	86	50	Quetta.
2.6	+0.6	3.1	9.63	+1.98	1.82	I	22	+2.8	5.9	+0.8	3	45	78	149	45	18	3	6	23	19	3	2	9	30	99	104	94	6	Chaman.
1.8	-0.6	2.1	6.32	-0.66	1.35	VII	17	-1.6	5.7	+1.0	9	4	1	25	243	7	2	5	60	51	15	8	8	15	36	52	104	16	Kalat.
1.8	0	2.4	2.18	-1.45	1.55	VII	3	-6.3	5.1	+1.0	49	71	29	8	18	17	47	21	105	19	34	67	31	48	59	52	43	12	Dalbandin.
0.8	-1.1	0.9	0.14	-1.81	0.14	I	1	-3.5	8.5	0	110	80	28	11	10	5	7	90	24	68	13	23	54	31	25	26	128	7	Nokundi.
3.4	+0.5	2.3	9.33	+0.94	2.28	VII	14	-0.4	2.6	-0.1	26	6	5	5	16	6	4	27	270	7	5	9	85	210	28	12	8	51	Las Bela.
3.1	-0.8	0.7	3.57	-2.44	1.24	XII	7	-2.6	7.3	-1.1	1	5	12	3	0	6	140	14	184	0	3	14	9	34	110	171	10	14	Ormara.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Pasni.	
1.8	-0.8	1.8	6.32	+1.51	1.80	VII	10	-0.5	5.9	+1.0	35	141	69	6	6	17	13	24	54	84	11	7	2	17	63	59	127	5	Panjpur.
3.8	..	2.3	1.13	..	0.47	I	3	..	7.5	..	40	39	25	53	39	30	35	27	68	5	4	3	44	118	119	63	9	0	Jiwani.
																												SINDH.	
1.8	4.0-1	1.9	5.58	+1.98	1.80	VII	7	-0.3	6.4	+1.7	22	22	96	86	26	10	16	29	64	19	10	24	126	66	31	16	43	18	Jacobabad.
1.5	-0.2	1.2	2.78	-0.94	1.23	VII	7	+0.8	3.8	-0.4	11	36	33	126	37	41	6	3	72	32	44	6	43	61	67	48	32	27	Sukkur.
1.8	..	1.6	3.26	..	1.40	VII	6	..	6.3	..	27	12	9	93	52	5	10	10	147	40	86	8	62	62	26	16	25	111	Pad Idam.
2.4	..	2.2	3.85	..	0.90	V	9	..	7.2	..	28	42	12	24	96	130	12	6	15	37	22	2	3	29	145	58	66	8	Umarkot.
1.8	-0.3	1.7	3.32	-3.77	1.00	VII	8	-1.1	6.1	-0.7	57	8	0	5	61	117	44	31	42	48	30	14	8	44	141	41	15	24	Hyderabad.
3.7	-0.1	2.7	6.53	-1.17	2.25	VII	8	-1.0	6.5	-0.5	36	73	24	0	2	67	118	47	4	6	10	6	8	16	180	125	10	0	Karachi (Manora)
4.0	-0.9	1.6	8.48	-0.41	4.28	VII	6	-4.4	6.7	..	47	17	2	4	14	155	74	28	24	47	26	11	3	24	140	60	23	11	Badin.
																												RAJPUTANA, EAST.	
1.7	-0.2	2.0	25.22	+15.01	3.91	IX	34	+15.5	4.1	-1.2	29	19	45	46	36	62	12	13	103	44	27	29	17	6	46	28	100	68	Sri Gangahagar.
1.1	-1.6	1.6	19.00	+7.53	6.52	IX	23	+4.0	3.7	-1.0	4	94	7	25	3	122	14	5	*81	24	74	4	29	0	116	7	83	48	Bikaner.
2.7	..	3.3	13.20	+4.31	3.34	VI	18	+3.6	7.6	..	9	13	11	36	87	111	32	13	53	44	24	7	26	39	92	51	80	†14	Phalodi.
2.6	-0.6	3.0	22.69	+8.48	4.79	VII	22	+2.0	4.5	-3.4	6	108	13	2	7	80	76	10	63	24	46	17	10	10	98	81	81	‡41	Jodhpur.
2.1	-0.8	2.2	13.11	+1.28	2.86	I	22	+5.6	5.0	-0.7	7	8	2	5	27	78	62	82	94	11	55	6	15	45	112	50	27	44	Bamer.
																												RAJPUTANA, WEST.	
2.8	0	3.5	83.70	+9.77	5.85	VII	44	+8.4	4.9	-0.7	55	47	47	10	5	11	40	65	86	39	23	18	17	10	54	86	104	14	Jaipur.
2.4	-0.2	3.0	19.50	-1.27	1.95	VI	39	+8.2	4.7	+1.0	2	8	3	4	4	63	82	9	190	9	30	13	7	6	69	124	41	66	Ajmer.
2.6	-0.2	3.6	51.39	+21.86	9.81	VII	49	+12.5	2.9	+0.4	11	9	11	8	16	36	122	29	102	27	26	17	9	6	87	112	67	64	Kotah.
2.8	-0.8	3.3	57.55	+21.10	9.92	VI	53	+8.7	4.0	+0.8	16	12	9	7	11	33	109	26	142	27	42	29	10	8	19	136	40	41	Bijnagar.
2.8	..	3.9	28.42	..	4.27	VII	27	..	5.9	..	57	7	6	10	10	66	76	83	50	59	9	32	29	18	45	58	70	41	Rajasamand.
																												GUJARAT.	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Deesa.	
2.6	-0.4	2.5	18.56	+4.94	4.43	VII	15	-0.8	6.1	-1.0	4	7	1	3	30	105	40	9	166	50	37	8	4	12	104	98	81	21	Bhuj.
3.8	0	3.0	8.23	-5.70	1.50	VII	15	-0.8	9.8</td																				

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.				Relative humidity, %	
		Mean 8 hrs. I. S. T.	Departure from normal	Mean 17 hrs. I. S. T.	Mean	Departure from normal	Highest during the year	Month.	Mean	Departure from normal	Lowest during the year	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>CENTRAL INDIA, WEST.</b>																						
Neemuch	1,626	954.0	-0.3	951.2	..	..	109	VI	63.8	-0.8	34	I	67.8	84.9	59.8	65.6	15.5	-1.0	14.0	62	+2	3
Indore	1,823	947.3	-0.5	944.4	86.9	-1.3	110	VI	62.6	-1.2	36	I	66.5	86.2	60.3	65.2	16.1	-0.9	13.2	70	+7	3
Bhopal	1,648	953.3	-0.2	950.2	87.6	-0.8	111	VI	64.9	-0.4	39	I, XII	70.2	85.2	61.7	67.0	16.0	-0.2	15.2	63	+4	4
Guna	1,571	955.4	-0.2	952.8	88.5	-0.4	115	VI	63.3	+0.3	33	XII	67.3	86.4	59.3	65.7	15.3	-0.8	14.0	64	+2	3
Gwalior	681	984.9	..	981.8	89.8	..	117	VI	64.9	..	32	XII	71.9	86.2	63.1	69.2	17.7	..	18.0	62	..	4
Madhosagar	767	982.8	..	979.4	90.2	..	116	VI	68.8	..	39	I	73.3	86.9	63.3	67.1	16.7	..	14.8	58	..	3
<b>CENTRAL INDIA, EAST.</b>																						
Nowrang	750	982.8	-0.3	979.5	89.7	0	116	VI	63.4	-1.9	33	I, XII	68.9	87.5	62.4	69.7	18.1	0	18.1	71	+4	4
Satna	1,041	972.8	-0.1	970.3	88.9	+0.5	115	VI	64.1	-1.8	35	XII	70.7	84.9	63.0	68.0	17.5	-0.2	16.6	66	+3	4
Umaria	1,506	956.9	..	953.9	87.9	+0.1	114	VI	63.2	-0.9	34	XII	70.8	84.4	62.1	66.8	16.4	-0.9	15.3	64	+1	4
<b>DECCAN.</b>																						
Akola	925	977.5	-0.5	973.7	92.9	-0.4	111	V, VI	67.3	-0.6	40	I	70.8	90.6	63.5	71.9	17.9	+0.9	18.7	66	+7	4
Anandpur	1,213	967.7	-0.3	964.0	91.3	-0.7	111	V, VI	69.0	-0.6	44	I	73.5	89.0	63.1	69.0	15.9	-1.2	5.3	55	-8	3
<b>G. P., WEST.</b>																						
Khandwa	1,044	973.1	-0.8	969.4	91.8	-0.5	113	VI	66.4	-0.6	38	XII	70.9	89.2	61.9	68.1	16.0	-0.8	14.3	58	-8	3
Morhaungabad	992	974.6	-1.2	971.2	89.0	-0.8	112	VI	66.7	-1.0	41	I	70.5	87.0	64.3	68.7	16.8	-0.6	13.1	64	+2	4
Seonar	1,808	947.3	-0.3	944.4	86.3	-1.6	112	VI	66.4	-0.2	38	I	71.9	83.1	61.2	64.5	14.8	-0.5	13.8	55	-1	3
Jubbulpore	1,289	964.7	-0.2	961.6	88.9	+0.6	113	VI	63.4	-0.3	37	XII	69.8	85.9	62.1	68.1	16.7	-0.7	6	67	+1	4
Seoni	2,027	960.0	-0.7	917.3	87.1	-0.3	109	VI	64.4	-0.3	41	I, XII	70.1	83.1	61.6	66.5	15.9	-0.6	15.5	62	+2	4
Nagpur	1,022	973.7	-0.7	970.2	92.1	0	113	V	69.2	-0.9	43	I	73.4	88.7	64.1	69.9	17.1	-0.7	16.9	6	+2	4
<b>G. P., EAST.</b>																						
Pendra	2,040	930.3	-0.7	936.5	85.2	+0.8	110	V	64.8	+0.2	40	XII	72.6	80.7	63.7	65.9	17.1	-0.1	15.0	63	-	4
Champs	805	981.1	..	977.0	90.5	..	115	VI	69.1	..	48	I, XII	73.5	86.9	65.9	69.	19.2	..	17.8	68	..	4
Raipur	920	975.7	-0.1	972.2	90.3	0	113	V	69.4	+0.1	47	I, XII	75.6	87.5	64.5	70.5	18.9	-0.4	18.2	60	-2	4
Titlagarh*	691	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kanket	1,318	964.0	-0.2	960.8	88.3	-0.4	108	V	66.5	-0.3	41	XII	72.5	85.4	66.5	70.6	20.3	+0.4	19.3	74	+3	4
Chanda	634	987.5	-0.3	988.3	91.4	-1.2	113	V	68.1	-0.7	41	XII	73.6	88.8	67.0	71.7	20.3	+0.2	19.1	72	+7	4
Jagdalpur	1,816	947.8	-0.2	944.4	86.1	-2.5	108	V	64.5	-0.3	39	XII	71.3	89.3	66.3	70.0	20.3	-1.6	19.5	77	0	4
<b>KONKAN.</b>																						
Dahad	15	1,008.8	..	1,006.7	86.2	..	100	II	70.6	..	47	I	73.0	82.7	68.7	75.8	22.8	..	27.2	79	..	4
Bombay	37	1,008.6	-0.8	1,006.1	87.5	+0.7	103	III	78.6	-0.2	56	I	76.6	82.7	72.3	76.3	25.4	-0.2	26.5	80	+1	4
Allbag	28	1,009.7	-0.3	..	85.9	+0.1	103	III	72.0	-0.6	52	I	75.5	..	71.9	..	24.3	-0.1	..	71	+2	4
Harnai	66	1,007.8	..	1,005.0	86.9	..	94	III, X, XI	74.7	..	60	I	78.0	82.1	72.1	76.8	24.3	..	28.1	71	..	4
Ratnagiri	211	1,003.1	0	1,000.6	86.5	-0.4	101	II	78.2	-0.2	56	I	77.1	82.7	72.2	76.8	25.0	+1.1	28.8	70	+7	4
Devgad	..	1,006.1	..	1,003.8	86.8	..	95	V	78.6	..	56	VI	76.0	88.8	72.2	76.1	25.0	..	27.3	79	..	4
Marmagao	202	1,003.6	+0.1	1,000.7	..	..	95	II	73.9	-0.7	62	I	78.5	82.3	73.2	75.4	25.4	-0.4	26.7	77	-8	4
Honavar	88	1,007.9	..	1,004.9	88.0	..	96	XI	72.7	..	61	I, XII	76.4	84.2	72.5	76.8	25.6	..	27.9	82	..	4
<b>BOMBAY, DHOOGA.</b>																						
Jalgaoa	660	986.2	..	983.1	92.8	..	112	V	66.2	..	35	I	71.0	91.8	63.5	71.6	17.7	..	17.6	64	..	4
Malegaon	1,432	960.7	-0.5	957.4	91.6	-0.6	108	V, VI	64.0	-1.2	36	I	69.9	88.2	61.2	67.6	15.7	-1.4	14.2	58	-8	4
Ahmednagar	2,154	937.8	-0.3	933.9	90.5	+0.8	106	V	64.1	-0.1	36	I	69.6	87.2	61.0	68.1	15.2	-1.2	15.4	60	+1	4
Poona	1,834	948.0	-0.2	944.8	89.4	0	107	V	68.5	-0.9	39	I	67.3	85.6	62.4	67.9	17.8	+0.1	15.7	77	+5	4
Sholapur	1,570	956.7	-0.1	952.7	92.6	-0.1	109	V	68.1	-0.4	40	I	72.5	90.2	63.0	68.4	16.1	-1.0	14.6	59	0	4
Miraj	1,817	948.4	-0.6	944.6	89.7	+1.1	106	V	65.8	-0.2	41	I	69.6	84.4	64.2	70.1	18.6	-0.7	18.0	74	+2	4
Hijjapur	1,950	944.1	-0.3	940.9	90.5	-0.2	107	V	67.6	-0.4	45	I	71.8	88.1	64.0	67.9	17.3	-1.3	14.6	65	-2	4
Dulgaum	2,562	924.4	-0.2	921.8	84.6	-0.1	99	V	68.5	-0.6	45	I	67.0	80.8	63.1	67.3	18.3	(	17.2	80	+4	4
Gadag	2,131	938.4	-0.2	935.2	89.6	+1.0	104	V	67.7	-0.2	53	I, XII	71.7	86.2	68.1	70.7	19.7	(	19.2	73	-1	4

\*Data not available for complete year hence no annual means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—contd.

Cloud amount (tenths of sky).			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from :—												STATION.						
Mean hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
3.2	+0.2	3.9	37.06	+6.95	5.65	VI	42	+5.9	6.1	+0.2	16	101	17	6	7	70	97	17	34	10	101	7	13	8	97	69	22	38	CENTRAL INDIA, WEST.
3.5	-0.2	4.0	39.04	+4.32	4.07	VII	46	-0.7	4.0	+0.5	5	30	10	13	7	49	104	28	119	26	69	6	14	5	62	108	49	26	
3.4	-0.1	4.4	44.37	-7.94	4.76	VI	61	+2.1	4.3	+0.6	8	8	3	9	4	57	103	35	138	17	42	19	2	6	48	117	80	60	
3.3	+0.5	4.2	54.21	+4.86	7.54	VI	56	+3.1	4.7	+0.9	17	12	29	39	17	43	73	30	105	84	22	9	7	14	39	101	72	17	
3.9	..	3.1	39.36	..	6.26	IX	49	..	2.8	..	16	11	17	11	19	34	73	41	143	47	17	19	11	7	26	72	80	86	
3.4	..	3.9	37.96	..	3.52	IX	46	..	5.8	..	25	37	9	6	24	138	69	25	32	69	52	14	17	12	30	76	87	8	
3.3	-0.8	3.4	37.19	-4.92	5.29	VIII	50	+0.9	3.2	+1.2	15	23	14	9	73	118	21	20	72	78	43	21	3	16	58	55	88	9	
3.4	-0.1	4.3	41.64	-3.76	3.19	VI	59	+2.8	3.2	-0.1	3	15	28	11	11	76	49	19	153	32	28	22	10	8	51	48	110	56	
3.9	-0.4	4.7	44.58	-9.60	3.68	VII	62	-6.1	3.0	+0.1	14	9	9	19	21	48	54	22	169	41	33	15	8	9	24	83	77	76	
3.4	-1.9	2.7	40.90	+8.76	9.09	IX	48	+2.9	5.9	+1.3	10	20	9	16	16	24	63	112	95	16	63	4	14	7	10	43	182	26	
3.5	-0.2	4.4	34.06	+0.54	8.37	IX	53	+4.5	7.0	+2.2	9	102	49	15	12	100	61	14	3	14	69	0	30	3	102	13	134	0	
3.0	-0.2	4.4	28.96	-6.77	3.58	VII	38	-4.1	5.8	+0.5	11	18	5	3	12	25	123	38	130	37	53	4	10	12	35	101	104	9	BHARAT.
3.1	-0.5	3.6	52.05	+2.89	4.25	VI	64	+7.4	3.5	+1.0	15	38	39	38	52	36	73	14	60	19	32	36	34	48	38	88	24	51	
4.2	+0.8	4.8	60.17	+12.51	6.22	VI	68	+9.6	10.2	+1.2	21	47	31	52	18	106	78	12	0	51	43	18	11	8	66	91	76	1	
3.0	+0.4	4.5	61.68	+4.13	5.22	VII	72	+7.1	3.8	+1.6	12	10	13	74	37	63	54	10	92	64	60	9	13	13	50	75	41	40	
3.7	+0.2	4.6	66.12	+12.46	5.44	VII	80	+9.6	4.1	+1.0	75	38	10	18	32	45	40	32	85	85	50	19	28	42	81	46	56	8	
4.1	+9.2	4.8	58.02	+3.78	3.79	VII	68	+5.4	3.9	-1.0	124	19	7	3	21	34	52	65	40	61	39	27	21	26	47	66	81	7	
3.9	+0.2	4.6	55.22	+1.14	3.06	VI	76	-0.3	4.2	+0.7	58	18	5	25	49	27	21	72	92	80	26	..	31	53	29	23	86	38	PENDRA.
3.6	..	3.9	53.10	..	2.74	VIII	75	..	5.0	..	108	30	21	17	19	37	42	70	26	79	22	24	10	29	42	63	83	13	CHAMPA.
3.4	-0.1	4.0	59.04	+7.50	4.27	VII	64	-0.3	4.2	+0.5	9	33	22	16	16	46	47	10	166	44	63	17	6	21	43	58	57	56	RAIPUR.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	TITILAGARH.	
6.0	+1.6	6.2	54.95	-3.18	4.35	IX	72	+0.1	3.4	-0.1	1	3	2	2	10	56	36	4	251	21	26	7	4	2	56	69	63	128	KANKER.
4.1	+0.4	4.9	63.51	+11.39	7.60	IX	66	+2.7	3.2	+0.2	38	10	32	18	13	29	64	18	148	50	17	17	56	24	129	110	JAGDALPUR.		
4.2	0	4.7	64.15	+0.89	2.92	IX	87	+4.0	4.2	+1.6	4	23	0	4	5	101	5	12	211	7	68	6	10	106	19	40	110	KONKAN.	
4.1	..	3.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
4.1	-0.2	3.5	90.38	+10.17	9.70	VIII	79	+5.8	5.8	-1.8	28	70	74	39	20	34	55	29	16	97	0	0	0	4	26	73	164	1	
4.4	-0.3	..	74.90	-6.92	6.70	VIII	82	-1.8	6.9	-1.4	9	34	39	56	7	44	12	6	168	..	..	..	..	..	..	..	..	..	
4.7	..	4.3	84.25	..	3.75	VI	91	..	9.2	..	49	71	65	32	19	39	35	35	20	16	0	0	5	17	66	122	188	4	
4.2	+0.5	3.7	95.41	-6.07	6.11	VI	103	+9.2	7.8	+0.7	50	67	73	40	8	54	24	38	7	6	3	1	2	14	92	92	154	1	
4.1	..	4.7	84.33	..	6.53	VI	88	..	..	..	18	58	160	7	9	46	39	23	5	3	0	1	6	9	62	173	112	1	
4.5	-0.4	4.5	100.76	+0.01	6.42	VI	98	-0.8	8.4	+1.9	27	57	98	48	27	20	67	21	0	9	2	1	0	16	41	190	97	0	
4.5	..	5.2	125.08	-8.44	6.02	VI	113	+2.5	3.3	..	3	16	196	43	7	11	36	11	42	7	5	6	6	18	27	182	111	10	
3.1	..	3.8	29.21	-1.29	4.82	IX	48	+1.7	..	..	0	6	94	18	2	3	233	0	8	8	12	86	7	1	0	240	9	2	JALGAON.
3.2	-0.2	4.1	23.85	+2.27	4.55	IX	34	+0.3	5.5	-0.4	10	6	5	0	3	45	204	29	63	14	102	8	9	8	46	111	52	16	MALEGON.
3.0	-0.4	4.1	16.05	-7.02	2.28	VIII	31	-5.5	5.3	-0.8	0	14	1	5	3	52	1	125	164	0	87	1	20	2	87	2	183	38	AHMEDNAGAR.
3.4	-0.4	4.1	22.75	-3.74	2.80	VIII	46	-0.7	3.4	-2.9	1	3	1	1	3	64	113	8	176	7	13	50	6	3	26	180	47	35	POONA.
4.6	+0.8	5.5	15.89	-11.31	1.42	VIII	35	-6.2	6.5	-0.5	42	36	20	40	9	96	26	50	46	44	54	82	23	12	94	47	35	24	SHOLAPUR.
3.9	-0.7	4.3	16.86	-8.89	1.95	VIII	30	-16.2	7.5	+0.8	16	21	34	6	8	41	100	45	94	10	38	54	6	11	34	130	51	28	MIRAJ.
3.0	+0.1	4.7	13.42	-6.77	1.88	IX	24	-8.9	3.8	-1.4	30	37	24	12	37	36	143	45	1	8	93	2	32	6	74	38	74	38	BIJAPUR.
3.2	-0.9	6.1	44.55	-0.58	3.55	VIII	83	+2.1	4.7	+0.7	25	33	81	2	9	110	102	8	0	13	29	61	2	10	122	125	3	0	BELGAUM.
3.2	+1.1	6.4	19.11	-5.31	1.98	IX	45	-1.3																					

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of barometer above mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Very hots temperature, °F.				Wet bulb temperature, °F.				Vapour pressure, millibars.				Relative humidity, %				
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest during the year.	Month.	Mean	Departure from normal.	Lowest during the year.	Month.	Mean	Departure from normal.	I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23						
<b>HYDERABAD, NORTH.</b>																														
Aurangabad . . .	1,905	945.7	-0.8	942.1	90.2	-0.2	107	V	66.6	+0.1	39	I	71.4	87.8	68.5	68.0	16.2	+0.1	16.1	62	+3	42								
Parbhani . . .	1,350	962.8	..	958.3	92.8	..	112	V	66.3	..	40	I	71.7	89.4	64.7	73.1	18.5	..	20.5	87	..	45								
Bidar . . .	2,178	935.7	..	932.5	88.0	-0.7	106	V	69.0	+0.6	50	I	72.1	85.5	65.7	69.7	19.1	-0.1	19.2	71	+3	47								
Nizamabad . . .	1,250	966.4	-0.7	962.0	89.6	-2.4	109	V	68.9	0	43	I, XII	74.2	88.6	65.8	69.3	18.5	-1.0	15.8	86	0	39								
Pedapalli . . .	755	962.5	..	..	92.4	..	112	V	72.1	..	47	I	79.5	..	71.5	..	22.5	..	..	87	..									
<b>HYDERABAD, SOUTH.</b>																														
Gulbarga † . . .	1,508	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Raichur . . .	1,941	908.1	-0.6	901.2	92.1	-0.8	109	V	71.9	+0.1	39	XII	76.1	89.9	87.8	71.6	20.2	-0.6	18.2	87	0	39								
Hyderabad (Begumpet) .	1,778	949.2	-0.2	945.8	90.2	-0.2	109	V	68.0	-0.4	44	I	72.8	86.4	87.5	72.4	20.0	+0.3	21.3	77	+5	52								
Hanamkonda . . .	981	979.1	-0.6	975.6	90.4	-0.8	111	V	71.4	-0.1	48	I	85.1	86.9	89.2	71.0	21.0	0	17.0	74	+4	42								
Khammameth . . .	867	966.8	..	963.1	98.4	..	113	V	72.4	..	50	XII	77.0	90.7	72.1	74.4	24.0	..	21.6	78	..	47								
<b>MYSONE.</b>																														
Chitaldrug . . .	8,405	929.5	-0.1	926.1	87.4	0	106	V	67.9	0	47	XI, XII	71.2	84.9	66.7	67.8	19.2	-0.4	15.8	75	+3	42								
Hassan . . .	8,149	906.1	..	906.1	88.5	-0.8	95	IV, V	68.0	+0.5	48	XII	68.2	70.2	64.5	66.9	10.1	-0.4	17.2	82	+3	51								
Bangalore . . .	8,021	909.9	-0.2	906.7	84.6	+0.6	96	IV, V	65.2	+1.2	58	I, XII	68.9	81.6	64.6	65.7	19.1	-0.5	14.7	80	0	43								
Mysore . . .	8,618	926.3	-0.2	922.9	85.2	-1.1	97	V	66.3	+0.1	51	XII	69.2	88.3	66.1	67.6	20.5	0	16.4	85	+7	45								
<b>KARNAKAR.</b>																														
Mangalore . . .	72	1,008.8	-0.2	1,005.5	87.8	0	98	II, III	74.8	+0.2	58	XII	70.6	89.7	70.1	76.7	27.1	+0.6	28.0	84	+3	72								
Calicut . . .	27	1,009.6	-0.3	1,002.6	88.2	+1.3	95	IV	74.0	+0.3	54	XII	70.0	86.6	75.0	70.2	20.1	+0.6	30.0	86	0	74								
Palghat . . .	319	999.9	..	996.2	90.6	..	104	III	74.1	..	62	I, XII	77.1	86.8	73.0	74.7	25.8	..	23.8	82	..	57								
Cochin . . .	10	1,010.6	-0.4	1,007.5	85.7	+0.2	93	II, III	75.7	0	67	XII	79.0	83.5	75.2	77.8	27.0	+0.6	28.9	83	+1	75								
Alleppey . . .	12	1,010.6	..	1,007.6	87.8	..	96	III	75.4	..	66	XII	79.5	88.5	76.5	78.8	29.6	..	30.0	87	..	76								
Trivandrum . . .	211	1,003.6	-0.2	1,000.6	87.8	..	95	III	74.8	..	66	XII	77.0	83.7	70.1	76.4	27.4	+0.2	27.6	87	+2	71								
<b>MADRAS, SOUTH-EAST.</b>																														
Pamban . . .	37	1,009.0	0	1,008.0	88.1	+0.4	94	VII, VIII	77.0	-0.4	72	4 months.	81.9	82.8	77.8	78.0	29.7	+0.3	30.3	81	-1	79								
Madura . . .	437	995.1	-0.4	991.3	93.6	+1.0	106	V	75.1	+0.9	64	XII	79.9	90.0	72.5	74.0	23.9	-0.3	21.0	60	-3	46								
Negapatam . . .	31	1009.9	-0.4	1,008.7	89.4	-0.6	103	V, VI	76.8	+0.2	66	XII	80.1	85.3	74.6	76.7	26.6	-0.7	27.6	77	0	67								
Trichinopoly* . .	295	1,005.5	-0.1	996.5	93.8	-0.3	106	V	75.8	+0.7	61	XII	79.5	91.1	73.1	74.5	24.7	-0.2	21.3	72	0	46								
Coimbatore . . .	1,341	964.8	-0.4	961.3	89.1	-0.2	98	III, IV, V	70.5	+0.6	59	I, XII	74.0	85.3	69.6	71.6	22.7	-1.4	20.1	80	-2	50								
Salem . . .	913	979.2	-0.4	978.8	92.2	+0.4	104	V	72.8	+0.7	55	XII	75.0	90.1	70.0	72.6	22.8	-1.8	19.3	77	-1	42								
Cuddalore . . .	39	1,008.8	-0.2	1,005.8	90.1	-0.2	106	VI	75.3	+0.3	64	II	78.8	85.7	..	..	..	..	..	..	..	..	..							
Vellore . . .	708	985.9	-0.1	981.9	91.9	+0.2	107	V	72.7	+0.2	55	XII	76.5	89.1	71.6	75.2	24.1	-0.8	23.5	79	+1	53								
Madras . . .	51	1,008.0	-0.4	1,004.6	90.9	-1.3	107	V	75.6	+0.5	64	XII	79.2	86.0	74.1	76.6	26.4	+0.1	25.4	79	+3	61								
<b>MADRAS, DRY-SEAS.</b>																														
Oudappah . . .	688	995.5	-0.2	998.7	94.6	-0.7	110	V	76.0	+0.3	53	XII	80.4	91.0	72.5	79.5	22.5	-1.6	30.6	65	-4	41								
Bellary . . .	1,478	989.7	-0.5	985.8	91.9	-1.0	105	V	71.8	+0.7	53	I	75.1	89.7	..	..	..	..	..	..	..	..								
Kurnool . . .	923	978.4	-0.2	978.9	92.2	-0.5	110	V	71.8	-0.3	46	XII	75.5	91.0	68.4	71.8	20.7	-0.4	17.9	69	+1	39								
Bentichimalai . .	928	997.5	..	998.3	94.6	+0.3	114	V	79.4	-0.7	61	I	77.9	91.8	70.0	78.3	22.3	-1.3	18.1	69	0	69								
<b>MADRAS, COAST NORTH.</b>																														
Nellore . . .	68	1,007.5	-0.2	1,008.0	93.9	+0.5	111	V	75.7	+0.2	59	XII	79.3	89.1	74.2	76.2	26.3	-0.2	25.2	79	+3	56								
Maxulipatam . .	10	1,009.0	-0.5	1,005.7	89.6	-0.5	111	V	75.1	+0.6	57	I	78.9	86.1	75.1	77.3	28.0	-0.1	28.0	83	+2	57								
Cocanada . . .	26	1,008.4	-0.5	1,008.1	87.0	-1.4	109	VI	74.4	-0.5	58	I	78.7	85.7	74.5	77.2	27.3	+0.3	28.0	82	+4	58								
Vizagapatam . .	126	1,008.6	-0.5	1,001.6	86.6	-0.8	107	VI	75.5	0	50	XII	79.7	83.1	73.3	75.3	25.3	-0.7	28.5	78	-1	59								
Ullingapatam . .	19	1,008.0	-0.6	1,005.1	87.6	-0.7	107	VI	74.1	+0.2	57	XII	77.3	83.1	73.5	76.5	28.7	-0.7	28.1	83	+2	73								

- Tricher poly processes and cloud refer to **autochthonous** life like trees and shrubs. Other biogeoclimatic refer to **allochthonous** life.

† Data not reliable hence no annual means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—contd.

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10° or more)		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from :—																		STATION.	
Mean I. S. T. Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.								17 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	63
2.6	-1.1	3.5	20.12	-8.17	3.80	IX	44	-0.8	8.3	+1.1	15	57	56	19	10	27	116	40	25	44	41	28	19	9	28	116	76	4	HYDERABAD, NORTH.
3.8	..	4.7	25.63	-6.83	4.44	IX	46	-1.2	..	..	37	50	6	9	6	65	119	52	21	51	83	17	12	7	46	87	56	7	Aurangabad.
4.3	+0.4	5.2	42.32	+8.58	2.88	VIII	59	+5.7	8.5	+0.6	24	32	38	23	26	79	89	52	2	40	71	46	14	18	52	74	53	2	Parbhani.
3.6	+0.1	4.1	37.80	-2.50	2.20	VI	57	-0.8	4.1	+0.7	6	10	12	15	18	104	29	15	156	51	87	12	11	18	65	81	33	57	Bidar.
3.7	..	..	36.70	..	2.60	IV	55	..	4.1	..	62	29	6	52	32	77	23	84	0	..	..	..	..	..	..	..	..	..	Nizamabad.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Pedapalli.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	HYDERABAD, SOUTH.
4.4	+1.1	6.1	25.93	+0.89	4.98	IX	38	-6.9	8.7	+1.7	3	43	28	58	10	109	60	40	14	18	76	42	60	8	46	59	88	3	Gulbarga.
4.4	..	6.8	30.02	+0.60	2.81	VII	51	+0.7	6.5	+0.9	21	14	41	21	8	18	109	54	79	39	59	61	38	9	20	70	43	17	Raichur.
4.3	-0.3	6.5	38.44	+1.46	4.03	X	54	+6.2	6.1	+1.2	34	9	5	60	77	25	63	51	41	75	58	14	53	36	20	45	53	11	Hanakonda.
4.7	..	6.9	42.98	..	3.48	VIII	60	..	4.8	..	71	3	39	80	18	17	78	6	53	91	11	39	55	23	19	74	15	38	Khammameth.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	MYSORE.
5.8	+0.7	5.7	11.62	-19.66	0.81	VIII	35	-10.8	6.2	+0.8	2	3	53	30	4	100	115	13	45	9	34	98	15	2	30	106	44	19	Chitaldrug.
4.8	-0.4	5.7	26.98	-8.02	1.82	V	52	-15.3	6.0	+1.6	2	38	32	33	0	96	108	20	*29	2	47	64	30	1	103	88	12	10	Hassan.
6.3	+0.8	6.2	23.14	-10.94	1.68	VIII	43	-14.2	7.6	+2.0	1	39	81	22	1	53	137	19	12	26	67	92	18	5	20	101	39	7	Bangalore.
5.9	+0.4	6.2	31.06	-0.12	2.12	X	49	-7.1	..	..	7	57	27	11	15	91	111	10	36	83	72	67	13	4	37	115	19	15	Mysore.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	MALABAR.
5.6	+0.3	6.1	131.16	+1.57	8.46	VII	114	-3.8	4.9	+1.3	14	60	204	9	10	22	15	7	24	30	1	1	4	11	55	72	185	6	Mangalore.
6.1	+0.6	6.9	167.00	-14.46	6.89	XI	116	+6.8	6.5	+1.3	46	140	119	21	2	7	15	14	3	7	5	3	0	2	34	69	145	0	Calicut.
6.1	..	6.3	64.50	..	3.95	VII	93	..	5.9	..	0	12	21	35	0	41	146	13	27	1	9	75	29	0	54	49	26	12	Palghat.
7.0	+1.8	6.7	99.40	-15.93	4.62	VII	121	-9.1	6.1	+1.5	16	14	118	29	3	7	14	14	50	8	2	4	6	3	36	202	160	4	Cochin.
7.2	..	6.7	112.46	..	6.42	X	127	..	5.9	..	18	80	104	48	2	8	20	23	65	19	1	3	2	2	28	128	178	4	Alleppey.
5.3	-0.5	6.3	67.59	+0.80	7.85	X	88	-9.2	5.1	+0.7	136	96	27	14	1	1	4	63	24	11	4	7	3	29	68	98	141	4	Privandrum.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	MADRAS, SOUTH, EAST.
5.0	+1.1	4.7	33.48	-3.66	3.14	IV	49	+1.5	9.1	+0.5	57	63	26	23	94	71	12	19	*	62	82	0	74	105	37	3	7	0	Pamban.
5.7	+0.1	6.5	26.35	-8.02	2.32	V	44	-6.5	3.9	0	50	34	15	2	1	12	58	70	123	22	68	73	17	16	33	52	10	65	Madura.
5.6	+0.1	6.6	47.57	-7.81	3.66	XI	46	-9.5	7.6	+1.4	6	26	14	4	9	91	96	91	28	18	102	46	66	54	51	18	6	4	Negapatam.
5.9	+1.2	6.5	20.28	-14.04	2.83	XI	36	-13.8	5.4	+1.1	46	66	4	3	8	27	191	71	41	12	115	53	20	13	14	66	56	14	Trichinopoly.
5.6	+0.9	6.2	23.41	+0.18	2.50	X	41	-3.6	2.0	-1.7	0	0	1	0	34	45	10	0	275	2	5	13	8	48	84	32	1	172	Coimbatore.
4.9	+0.3	6.9	22.05	-16.48	2.79	VIII	49	-12.9	5.5	+1.8	6	86	59	3	16	97	72	6	40	7	51	82	14	82	55	73	9	42	Salem.
5.9	+0.9	6.9	27.42	-27.04	3.77	XI	37	-18.5	6.9	+2.5	20	6	3	0	28	117	70	107	14	4	77	74	143	16	28	20	7	2	Cuddalore.
5.5	+1.9	6.2	28.86	-13.44	2.18	VIII	47	-9.8	..	..	7	6	1	4	6	41	61	29	210	17	61	68	47	30	30	37	28	57	Vellore.
5.4	+0.3	6.5	42.71	-7.21	3.79	IV	52	-5.4	10.5	-0.3	10	17	9	17	39	89	80	103	1	36	74	42	134	23	16	15	21	0	Madras.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	MADRAS, DECCAN
4.4	-0.1	6.9	29.51	-0.75	2.21	VII	46	+0.2	5.3	-0.8	3	0	25	23	6	0	103	5	200	5	5	182	13	1	1	138	6	637	Cuddapah.
5.3	+0.9	6.5	31.12	-6.92	1.27	VII	29	-9.5	5.4	+0.6	23	7	11	14	13	11	96	50	192	28	15	70	42	20	23	79	40	48	Bellary.
4.9	+0.7	6.6	28.07	+3.28	3.61	X	46	+0.9	7.1	+1.6	11	18	18	23	27	77	77	20	94	22	47	72	36	21	37	77	38	15	Kurnool.
4.7	-1.3	6.3	27.58	-0.50	6.03	X	43	-6.9	6.6	-0.5	12	9	15	24	29	46	101	15	114	37	46	41	47	19	32	81	31	37	Rentichintala.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	MADRAS, COAST NORTH.
6.3	+0.9	6.3	21.24	-17.67	3.55	XI	36	-8.7	4.9	+0.6	40	8	6	17	40	48	54	68	84	17	39	86	88	36	20	39	31	14	Neboore.
6.2	-0.5	6.3	30.29	-31.14	5.50	X	37	-10.4	6.5	+1.6	72	49	7	14</															

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of barometer above mean sea level in feet.	Pressure at station level, millibrs.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %			
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	6	7	8	Highest during the year.	Month.	Mean	10	11	12	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<b>HILL STATIONS EXCLUDING KASHMIR AND BALUCHISTAN.</b>																							
Shillong . . .	4,921	869.4	0	846.8	70.3	+0.4	83	IV	53.0	-0.5	30	I	63.7	63.3	57.3	59.0	14.1	-0.4	15.8	67	-5	77	
Cherrapunji . . .	4,309	868.5	+0.2	866.1	68.7	-0.2	80	VII	57.7	+0.1	38	I, II	63.8	63.6	59.0	60.4	15.7	-0.4	17.3	76	0	82	
Aijal . . .	3,500	890.0	..	887.9	75.6	..	88	III, IV	61.2	..	39	I	66.3	68.9	62.3	64.3	18.0	..	19.1	80	..	79	
Darjiling . . .	7,432	..	..	..	64.3	+1.7	..	..	47.6	-0.4	25	I	53.8	52.7	50.5	50.7	12.0	-0.2	12.4	82	-1	87	
Kalimpong . . .	3,065	..	..	..	70.8	+0.7	82	IV	56.0	-2	33	I	62.5	65.2	59.3	61.5	16.7	0	17.8	83	+2	81	
Katmandu . . .	4,388	866.7	..	864.3	76.8	-0.9	93	VII	53.1	-0.5	30	XII	57.5	71.7	..	..	..	..	..	..	..	..	
Mukteswar . . .	7,592	770.4	-1.4	769.1	62.9	-0.1	82	VII	48.2	-0.1	21	I	52.0	57.7	45.4	49.0	8.7	-0.1	9.7	62	+1	61	
Mussooree . . .	6,940	..	..	..	64.4	-0.9	87	VII	49.7	-0.8	27	I	55.6	58.8	49.8	53.4	10.3	+0.1	12.5	65	-1	72	
Simla . . .	7,224	780.5	-0.3	779.6	69.7	-0.7	84	VII	49.3	-0.1	13	I	54.3	57.5	46.3	49.4	8.5	1	9.8	56	+3	58	
Murree . . .	7,113	783.2	-0.5	782.6	61.6	-2.4	89	VII	46.4	-0.2	12	I	50.9	58.1	44.5	50.0	8.5	-0	10.2	63	+4	61	
Wana . . .	4,456	859.8	..	857.4	76.3	-0.4	105	VII	49.6	+0.3	16	I	53.6	73.3	47.4	55.8	10.1	+0.6	9.1	65	+3	34	
Chorat . . .	4,272	867.8	-0.5	866.6	72.6	+0.3	108	VII	56.3	-0.4	20	I	60.0	69.5	51.2	55.3	10.8	+0.3	11.0	53	-4	41	
Parashinbar . . .	6,673	..	..	..	70.8	+0.5	102	VII	47.8	-0.1	11	I	52.0	60.0	46.7	54.0	9.7	+0.6	10.6	67	+8	50	
Drosh . . .	4,723	856.7	-0.2	852.9	71.7	-0.5	105	VII	50.8	-1.2	20	I	55.1	69.4	47.1	52.4	8.9	-0.7	7.7	55	-6	38	
Abu . . .	3,945	..	..	..	..	..	96	VII	60.5	-1.4	35	I	64.8	72.7	54.8	59.1	11.2	-1.0	11.8	57	-1	47	
Pachmarhi . . .	3,628	892.7	-0.4	891.1	79.5	-0.6	103	VII	60.1	-0.7	33	I, XII	65.8	77.1	58.5	63.4	14.6	-0.7	15.3	67	+4	51	
Mahabaleshwar . . .	4,634	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Merwara . . .	3,701	866.7	0	883.6	76.4	+0.3	88	III, IV	61.1	-0.2	50	II	66.4	72.8	68.4	66.9	19.0	+0.7	21.1	69	+2	75	
Gotacamund . . .	7,364	780.0	+0.1	778.5	67.4	+1.4	80	II	48.0	-1.0	33	XII	52.2	61.7	49.5	56.3	11.1	0	13.4	83	+9	74	
Oonoor . . .	5,720	827.0	..	..	71.4	+0.8	81	V	54.6	0	38	XII	62.1	..	56.9	..	13.8	+0.4	..	74	+5	..	
Kodai Kanchi . . .	7,088	771.8	+0.5	770.6	64.8	+1.0	74	V	51.4	+0.7	41	I, XII	55.1	58.7	50.8	54.8	10.6	-0.2	13.1	73	+3	79	
<b>CITY.</b>																							
Colombo . . .	24	1,010.1	+0.6	..	86.4	-0.4	96	III	75.0	-0.1	64	I	78.0	..	74.4	..	27.6	-0.6	..	84	-4	..	
Trincomalee . . .	4	1,000.2	+0.3	1,000.3	88.4	-0.4	99	V	76.4	+0.1	70	4 months	79.7	84.6	74.8	76.5	26.9	-0.8	27.4	79	-5	69	
Hambantota . . .	61	1,007.6	-0.8	1,004.7	85.6	-0.7	95	VIII	74.8	-0.1	66	I	77.2	82.7	74.4	76.8	27.6	+0.1	28.5	87	-1	75	
Nuwara Eliya . . .	6,170	814.1	-0.5	..	68.6	+0.5	78	V	50.1	-0.6	31	XII	56.8	..	53.7	..	13.2	-0.9	..	82	-7	..	
<b>AFGHANISTAN.</b>																							
Jalalabad . . .	1,950	942.1	..	939.4	82.7	..	115	VI	57.4	..	28	XII	63.1	80.9	..	..	..	..	..	..	..	..	
Kabul . . .	5,955	820.3	..	818.0	67.3	-0.4	99	VII	39.5	-1.9	5	I	46.6	63.7	38.6	47.5	5.7	-0.6	6.3	55	-1	37	
Kandahar . . .	3,468	899.1	..	896.6	80.7	..	107	VIII	45.0	..	14	I	51.8	78.8	45.8	58.8	8.8	..	9.6	66	..	30	

and 17 hrs. (I. S. T. 11-30 hrs. G. M. T.) for the year 1945—*contd.*

Cloud amount, (tenths of sky.)			Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from :—														STATION.				
Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	8 hrs. I. S. T.							17 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
5.1	+0.8	7.8	106.18	+21.54	6.77	VI	147	+25.1	2.4	0	2	10	37	29	17	58	12	4	196	11	2	6	8	12	58	9	2	*256	Shillong.
5.9	+0.2	6.2	1394.43	..	..	..	172	..	..	..	5	84	88	27	38	57	25	5	130	18	36	25	12	28	137	40	2	170	Cherrapunji.
5.1	..	5.8	92.29	..	2.68	V	146	..	5.8	..	2	13	177	34	32	58	8	7	84	7	1	23	9	12	167	61	62	20	Ajral.
6.8	+0.4	7.8	1110.67	..	..	..	184	..	..	..	5	13	184	18	7	16	30	1	86	0	2	32	12	21	16	151	2	1120	Darjiling.
4.1	-0.7	4.7	97.80	+11.60	5.30	VII	111	+7.1	6.3	-0.2	2	1	2	39	1	0	5	278	37	0	0	2	322	2	0	1	21	17	Kalimpong.
6.8	+0.6	4.9	57.55	+1.76	4.00	VIII	98	-0.5	1.0	-0.1	1	0	6	0	2	0	2	0	354	46	0	20	2	10	2	55	38	194	Katmandu.
3.8	-0.8	4.5	64.21	+10.66	6.80	IX	94	+12.5	9.8	+2.7	7	64	67	18	14	25	00	61	0	2	17	24	12	10	90	175	20	6	Mukteswar.
4.2	-0.8	5.7	107.33	+19.73	5.37	VII	107	+9.2	4.1	-0.5	57	42	20	41	55	28	14	31	*76	18	14	12	47	95	86	7	20	*70	Mussooree.
4.8	+0.1	5.4	65.92	+6.88	3.88	VIII	86	-2.4	2.4	-0.8	61	72	22	42	58	19	4	11	80	34	35	10	30	78	68	12	38	65	Simla.
4.1	+0.6	5.8	57.45	-1.91	2.76	IX	84	+4.6	7.1	-4.2	14	35	83	69	11	1	53	66	137	5	18	54	69	1	19	90	61	29**	Murree.
2.6	+0.6	4.2	8.28	-8.19	0.68	XII	28	-1.0	3.7	..	7	5	13	27	52	24	30	1	188	9	15	98	116	43	26	31	14	10	Wana.
2.9	-0.1	4.0	19.77	-8.77	1.93	VIII	37	-4.4	9.2	+1.7	186	1	0	31	18	1	2	9	117	11	1	0	75	52	8	0	6	125	Cherab.
2.9	0	4.9	25.88	-3.37	1.89	III	67	+3.7	4.2	+1.7	201	6	38	8	9	0	31	8	76	18	12	97	123	61	8	20	18	12*	Parashinas.
3.9	+0.9	5.0	23.99	+5.95	2.80	III	54	+12.1	4.6	+1.1	8	47	51	48	18	39	10	5	154	18	16	22	30	88	120	70	10	37	Drosh.
2.9	-0.6	3.8	82.83	+21.27	13.51	VI	69	+15.5	4.7	-0.7	47	18	6	0	38	65	60	21	120	66	16	5	3	56	88	81	28	22	Abu.
4.8	+0.2	4.7	98.64	+14.03	4.86	VII	92	+13.1	3.1	-1.0	19	33	18	8	17	24	80	74	92	35	62	3	4	9	21	96	12	*21	Pachmarhi.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Mahabaleshwar.	
5.8	-1.1	5.5	111.07	-16.36	10.20	VII	133	+1.2	6.7	+2.2	0	48	52	2	0	8	103	98	59	9	3	41	4	0	15	28	23	18	Moreara.
8.0	-0.8	6.6	39.04	-15.65	1.70	VII	78	-28.2	2.5	-1.1	3	18	19	1	1	17	51	14	241	8	17	31	4	5	20	49	21	186	Ootacamund.
6.6	+1.0	..	87.26	-2.25	4.11	XI	72	-13.3	4.7	+1.2	33	19	24	55	19	5	6	40	164	..	..	..	..	..	..	..	..	..	Coonoor.
6.7	+0.9	7.8	48.20	-18.19	2.81	XJ	77	-30.1	7.5	-0.6	54	59	19	32	17	8	73	51	82	19	42	9	42	-10	1	63	60	70	Kodaikanal.
																												C. L. W.	
6.0	-0.4	..	82.87	-5.66	5.51	X	91	-24.3	..	..	11	70	59	47	10	62	50	10	46	..	..	..	..	..	..	..	..	..	Okloma.
5.0	+0.2	5.9	87.09	-4.83	5.16	X	60	-12.9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Trincomalee.
5.4	+0.8	5.9	32.09	-10.12	4.14	XI	50	-21.7	..	..	90	32	2	0	0	16	192	29	3	4	14	49	32	17	117	12	3	0	Hambantota.
6.0	-0.6	..	66.89	-21.68	2.78	VI	110	-29.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Nuwara Eliya.
																												AFGHANISTAN.	
3.0	..	4.8	7.88	..	1.81	IV	17	..	3.8	..	17	22	17	4	7	10	107	68	2106	8	147	60	8	3	2	26	40	774	Jalalabad.
2.5	-0.1	3.9	12.84	+0.38	0.97	II	35	+7.3	3.9	+1.4	16	12	8	18	56	65	66	56	66	71	85	34	29	28	24	11	23	60	Kabul.
2.4	..	2.6	3.70	..	0.62	I	11	..	2.3	..	5	97	16	26	2	24	4	10	181	2	11	6	13	9	246	25	16	37	Kandahar.

Table II-A. Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs.)

STATION AND MONTH.	Height of bar. distn above mean level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb tempera- ture, °F.		Wet bulb tempera- ture, °F.		Vapour pressure, millibars.		Relative humidity, %				
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SANGHARIS. (Indian Ocean.) (10 and 16 hrs. L. M. T.)	16																							
January	.	.	.	1011.7	..	1008.7	83.6	+0.5	87	20	75.8	-0.7	72	2, 6, 14	81.4	81.5	79.1	76.2	32.8	..	28.8	77	..	76
February	.	.	.	1010.1	..	1007.2	84.8	+0.4	86	6	75.9	-0.8	73	2, 4, 6	82.8	82.9	75.8	76.1	27.3	..	27.0	71	..	72
March	.	.	.	1013.1	..	1009.8	84.9	-0.1	88	24	75.0	-2.2	72	19	81.5	82.9	76.3	76.6	28.6	..	28.5	70	..	74
April	.	.	.	1011.5	..	1008.7	86.5	+0.5	88	9 days	75.7	-1.8	71	17	84.6	84.4	77.8	77.6	28.8	..	28.9	70	..	72
May	.	.	.	1011.9	..	1008.9	86.4	+1.3	88	4 days	75.2	-2.3	72	6, 26	84.1	84.1	76.9	77.1	28.3	..	28.6	71	..	71
June	.	.	.	1011.9	..	1009.5	82.6	0	86	1, 2	74.5	-1.9	67	24	80.7	80.4	74.7	74.8	26.6	..	26.9	76	..	76
July	.	.	.	1011.9	..	1009.5	81.8	+0.7	84	4, 6	73.8	-1.4	69	31	80.1	80.1	74.1	74.3	25.9	..	26.2	75	..	75
August	.	.	.	1012.5	..	1010.0	81.6	+0.7	84	31	72.6	-2.6	68	3, 11, 12	79.7	79.7	73.3	73.5	25.1	..	25.5	73	..	71
September	.	.	.	1013.8	..	1010.0	82.2	+0.3	86	17	74.4	-1.4	71	8, 28	79.8	80.2	73.5	74.1	25.3	..	26.0	73	..	74
October	.	.	.	1014.3	..	1010.7	82.7	-0.2	86	9	72.0	-3.6	68	11	80.0	81.6	73.9	74.3	25.9	..	26.7	74	..	71
November	.	.	.	1011.7	..	1008.8	83.5	-0.2	87	1, 10	72.8	-2.4	70	5	80.6	80.7	75.0	74.7	27.2	..	28.6	77	..	74
December	.	.	.	1012.7	..	1009.5	82.6	-0.8	86	1	72.9	-2.6	70	1	80.1	80.5	74.3	74.7	21.2	..	28.8	75	..	75
Year	.	.	.	1012.8	..	1008.3	83.6	+0.2	88	III, IV, V	74.2	-1.9	67	VII	81.3	81.6	75.3	75.3	26.9	..	29.1	74	..	73
MURDOU. (Arabian Sea).	916																							
January	.	.	.	1011.6	-0.9	1000.0	85.5	+0.4	87	10, 16, 24	72.0	-1.0	66	1, 3	76.8	82.6	73.2	75.2	26.4	-3.0	26.4	84	+7	69
February	.	.	.	1010.1	-2.4	1007.0	85.8	+0.4	89	26, 27	74.3	-0.4	68	9	78.3	83.5	74.2	76.4	27.1	-2.7	24.9	82	+5	71
March	.	.	.	1011.8	+0.3	1009.1	87.5	+1.2	89	23, 27, 28	76.2	-0.7	71	2, 9, 10	81.1	88.4	76.5	78.3	29.1	-2.1	24.9	81	+6	72
April	.	.	.	1010.3	+0.1	1007.8	89.0	+1.5	90	2, 6	76.0	-1.6	71	3	83.6	86.4	77.9	79.2	29.7	-2.6	30.1	76	+1	72
May	.	.	.	1009.8	-0.3	1007.0	89.4	+1.1	91	25	80.3	+1.1	75	14, 31	84.2	87.1	78.5	79.4	30.7	-2.9	30.7	77	-2	70
June	.	.	.	1008.7	-0.5	1006.7	86.6	+0.6	90	3	77.4	+0.1	72	7	81.9	83.5	77.4	77.8	30.1	-3.2	30.0	81	-3	77
July	.	.	.	1008.8	-0.9	1006.8	86.6	+0.6	88	6	76.5	-0.4	71	26	80.6	82.6	76.4	76.7	29.2	-1.9	28.7	82	-0	78
August	.	.	.	1009.3	-1.2	1007.3	86.8	+1.1	87	16, 17	77.4	+0.8	73	7	81.1	83.5	76.5	77.6	29.1	-2.3	29.7	80	-2	75
September	.	.	.	1011.1	+0.2	1008.7	86.1	+1.1	87	10 days	78.3	+1.2	74	10	81.8	83.3	76.2	77.0	28.6	-3.2	28.8	78	-4	74
October	.	.	.	1011.6	+0.4	1008.9	86.0	-0.3	87	4, 26	76.6	+0.7	67	22	80.6	85.2	75.5	75.7	27.9	-3.2	28.0	78	-2	73
November	.	.	.	1010.5	-0.9	1008.0	86.3	+1.2	89	17, 18, 30	74.0	-0.3	69	8	79.7	81.8	76.3	76.1	29.4	-2.0	28.2	83	+4	76
December	.	.	.	1011.6	-0.4	1008.9	85.1	-0.3	88	22, 23	73.9	-0.1	67	31	78.2	82.2	73.7	74.6	28.4	-3.4	25.8	81	+4	69
Year	.	.	.	1010.4	-0.5	1008.0	86.5	+0.7	91	V	76.2	-0.1	66	1	80.6	83.9	76.0	77.0	28.6	-2.7	29.5	80	+1	73
AMINI DIVI. (Arabian Sp.).	13																							
January	.	.	.	1011.8	..	..	82.5	-4.5	87	18, 26	76.2	+1.9	70	1	80.0	..	73.7	..	25.4	-0.5	..	73	-3	..
February	.	.	.	1010.4	..	..	83.4	-4.6	89	16	76.7	+0.6	73	20, 21	80.8	..	75.0	..	26.9	+0.6	..	75	-1	..
March	.	.	.	1012.1	..	..	88.5	-6.3	86	15, 22	78.2	+0.5	75	20	82.4	..	76.6	..	28.3	+0.8	..	76	0	..
April	.	.	.	1010.4	..	..	86.1	-5.4	90	25	80.5	+0.4	75	16	84.7	..	77.6	..	29.1	-0.5	..	71	-3	..
May	.	.	.	1009.1	..	..	87.0	-4.2	91	27	81.5	+0.4	78	28	85.5	..	77.2	..	29.7	-0.9	..	71	-6	..
June	.	.	.	1007.3	..	..	85.2	-1.8	89	2, 4	78.6	+0.6	74	30	88.7	..	79.1	..	31.9	-0.7	..	80	-5	..
July	.	.	.	1007.7	..	..	84.0	-1.4	92	31	77.7	+0.2	78	22, 23	81.7	..	78.8	..	31.5	+0.9	..	85	-1	..
August	.	.	.	1008.5	..	..	84.2	-1.1	88	16, 29	78.4	+0.9	75	4 days	81.4	..	77.2	..	29.6	-0.7	..	82	-4	..
September	.	.	.	1010.3	..	..	85.5	-0.2	87	16, 28	79.3	+1.9	78	19	81.7	..	78.4	..	31.7	-2.3	..	85	+1	..
October	.	.	.	1011.0	..	..	86.8	+0.8	94	11, 12	77.6	+0.6	73	17	80.7	..	76.0	..	28.5	-0.6	..	80	-2	..
November	.	.	.	1010.3	..	..	87.9	+1.0	92	4	75.4	-0.1	73	2, 5	80.2	..	76.0	..	28.7	+0.8	..	82	+4	..
December	.	.	.	1011.5	..	..	88.4	+1.3	90	6 days	74.7	+0.5	70	31	78.8	..	73.3	..	25.5	-0.5	..	76	+4	..
Year	.	.	.	1010.0	..	..	85.4	-2.2	94	X	77.9	+0.7	70	I, XII	81.8	..	76.6	..	28.9	+0.2	..	78	-1	..

M. T.) and 17 hrs. I. S. T. 11-30 hrs. G. M. T. for the year 1945—contd.

Cloud amount (tenths of sky).		Rainfall, inches.				Number of rainy days (0-10° or more).		Wind velocity, miles per hour.		Wind direction—Number of winds during the year from:														STATION.					
		Mean 8 hrs. I. S. T.	Departure from normal.	Total of the month or year.	Heaviest fall during the year in 24 hrs.	Month.	Total in the month or year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
8.4	..	8.3	16.47	..	4.99	10	13	..	5.7	..	3	5	3	0	0	0	5	13	2	2	2	1	1	0	4	18	1	January.	
7.1	..	7.3	1.55	..	0.61	1	5	..	6.0	..	4	3	1	1	0	0	2	17	0	5	4	1	0	0	0	2	15	1	February.
6.9	..	7.5	12.14	..	2.06	15	17	..	6.5	..	2	7	3	0	1	1	5	10	2	4	4	0	1	1	1	5	13	2	March.
9.5	..	9.7	8.11	..	2.90	17	11	..	5.0	..	1	1	5	4	1	0	4	9	5	2	0	6	4	2	1	6	7	2	April.
6.3	..	7.3	4.83	..	1.20	23	6	..	5.0	..	0	2	11	10	4	1	0	0	8	0	1	10	9	7	1	0	0	3	May.
7.7	..	8.0	6.40	..	1.65	5	13	..	9.2	..	0	1	8	10	12	3	0	1	0	0	0	1	10	12	4	0	0	3	June.
7.0	..	7.5	8.04	..	0.55	26	9	..	10.8	..	0	0	6	16	7	0	0	0	2	0	0	5	15	8	1	0	2	0	July.
6.6	..	7.3	1.22	..	0.29	20	5	..	9.2	..	0	1	7	12	6	1	1	1	2	1	2	7	12	8	0	0	1	0	August.
6.8	..	6.5	0.78	..	0.19	16, 28	3	..	11.8	..	0	0	6	17	6	1	0	0	0	0	0	4	13	11	2	0	0	0	September.
6.1	..	6.3	4.98	..	3.74	16	6	..	6.8	..	1	4	7	5	1	1	1	5	6	0	2	6	9	3	1	0	6	4	October.
5.8	..	6.2	6.18	..	1.82	3	9	..	5.6	..	1	4	6	5	0	0	4	10	0	2	2	2	3	1	0	6	11	2	November.
7.0	..	7.0	11.92	..	8.27	7	12	..	8.9	..	3	3	3	1	0	0	6	15	0	3	3	1	1	1	0	8	18	1	December.
7.1	..	7.4	77.62	..	4.99	I	100	..	7.2	..	15	31	61	81	38	8	28	81	22	19	20	45	78	56	11	31	86	20	Year.
SEYCHELLES. (Indian Ocean.) (10 and 16 hrs. L. M. T.)																													
MINORITY. (Arabian Sea.)																													
4.5	+0.9	5.0	0.85	-1.48	0.26	24	1	-1.6	4.4	+0.1	10	7	4	2	0	0	0	1	7	17	6	3	2	0	0	0	3	6	January.
5.6	+2.1	4.5	0.10	-0.61	0.07	1	0	-1.2	5.1	+0.5	13	4	1	1	0	0	1	3	6	15	2	1	1	0	0	1	8	0	February.
3.7	+0.2	4.6	0	-0.88	0	..	0	-1.5	5.1	+0.7	16	2	0	0	0	0	0	6	7	15	1	3	0	0	0	1	10	1	March.
4.3	0	4.9	0.06	-2.24	0.03	6	0	-3.5	5.3	-0.5	7	1	0	0	0	1	6	9	6	8	0	0	0	0	0	6	15	1	April.
5.6	+0.2	6.0	3.99	-3.01	2.90	25	3	-5.7	6.5	-2.0	4	0	0	0	0	0	5	18	4	4	0	0	0	0	0	4	22	1	May.
8.3	+1.3	8.6	16.40	+4.80	5.18	7	17	0	10.6	-1.2	0	0	0	0	2	4	18	5	1	0	0	0	0	1	1	20	8	June.	
9.3	+2.7	8.7	14.81	+5.95	2.70	31	19	+5.3	9.8	-1.9	1	0	0	0	0	4	14	12	0	0	0	0	0	0	2	19	10	July.	
8.1	+2.2	8.1	4.76	-3.05	1.17	10	7	-4.8	9.4	-0.6	0	0	0	0	0	1	15	14	1	0	0	0	0	0	6	14	0	August.	
7.5	+2.3	7.0	1.92	-4.38	0.39	20	6	-4.1	7.9	-0.9	0	0	0	0	0	0	5	21	1	0	0	0	0	0	0	10	20	0	September.
7.0	+1.7	7.8	6.90	-0.29	1.57	9	8	-2.6	6.0	-0.6	2	0	0	0	0	4	8	16	1	2	1	0	0	0	8	18	2	October.	
6.1	+1.1	7.4	9.91	+4.43	2.84	22	8	+0.3	4.3	-0.7	4	1	2	8	2	1	3	6	4	4	1	3	4	1	3	8	2	November.	
6.0	+1.9	6.0	5.16	+1.79	1.54	24	7	+2.7	4.6	+0.8	7	4	2	5	0	1	1	3	8	10	3	6	2	1	0	6	3	December.	
6.3	+1.4	6.5	6.45	+1.03	5.18	VI	76	-16.7	6.5	-0.6	64	19	9	16	4	16	78	111	48	75	17	14	8	6	5	88	142	10	Year.
AMINI DIVI. (Arabian Sea.)																													
4.6	+0.9	..	0.97	+0.31	0.43	11	3	+1.9	4.8	+1.0	12	13	0	0	0	0	1	3	2	..	..	..	..	..	..	..	..	..	January.
4.0	+0.6	..	0	-0.07	0	..	0	-0.3	5.3	+0.4	13	4	0	1	0	0	0	6	4	..	..	..	..	..	..	..	..	..	February.
3.2	-0.9	..	0	-0.16	0	..	0	-0.2	5.6	+1.5	6	7	0	0	0	0	4	8	6	..	..	..	..	..	..	..	..	..	March.
3.3	-1.0	..	0	-1.15	0	..	0	-1.6	7.3	+1.6	0	0	0	0	0	0	0	25	5	..	..	..	..	..	..	..	..	..	April.
3.7	-0.1	..	1.49	-2.90	1.22	28	2	-2.8	7.0	-0.6	3	1	0	0	1	1	6	17	2	..	..	..	..	..	..	..	..	..	May.
3.7	+0.8	..	13.77	-1.74	2.85	30	18	+1.2	10.1	-2.2	1	0	0	0	1	14	11	2	1	..	..	..	..	..	..	..	..	..	June.
3.8	+1.1	..	14.64	+2.83	2.59	23	18	+2.3	15.1	+1.1	0	0	0	0	0	8	17	6	0	..	..	..	..	..	..	..	..	..	July.
3.0	+0.9	..	6.95	-0.81	2.58	7	19	+1.7	13.6	+0.4	0	0	0	0	0	10	18	3	0	..	..	..	..	..	..	..	..	..	August.
3.6	+0.2	..	1.46	-4.50	0.35	22	5	-5.1	T3.1	+2.8	0	0	0	0	0	2	14	14	0	..	..	..	..	..	..	..	..	..	September.
3.0	+0.9	..	3.69	-2.05	1.45	17	6	-2.6	7.0	+0.8	6	2	1	1	0	4	5	10	2	..	..	..	..	..	..	..	..	..	October.
3.4	-0.5	..	2.30	-0.72	1.05	19	3	-1.9	3.5	-0.1	6	7	4	2	1	0	0	4	6	..	..	..	..	..	..	..	..	..	November.
3.6	-0.1	..	0	-1.49	0	..	0	-2.0	4.3	+1.1	9	12	2	0	0	0	0	5	3	..	..	..	..	..	..	..	..	..	December.
3.6	+0.3	..	44.27	-12.51	2.85	VI	68	-9.4	8.1	+0.6	56	46	7	4	3	39	76	103	31	..	..	..	..	..	..	..	..	..	Year.

Table II-A. Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs)

STATION AND MONTH.		Height of barometer above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.			Relative humidity, %									
			Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean.	7	8	Highest.	Date.	Mean.	Departure from normal.	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
CHAKADARÁ. (N.W. P. P.)	2,225																													
January	.	.	934.2	..	937.2	56.0	..	90	5	34.0	..	16	12	37.6	51.6	36.3	44.0	6.5	..	7.8	84	..	60							
February	.	.	934.5	..	934.7	55.0	..	70	28.24	35.0	..	30	14	38.8	61.5	36.4	47.6	5.7	..	5.4	72	..	33							
March	.	.	935.5	..	935.7	69.1	..	84	9	46.6	..	35	5	46.9	68.7	46.5	56.2	10.5	..	9.8	77	..	43							
April	.	.	934.1	..	932.4	78.0	..	92	30	53.8	..	45	10	57.1	76.6	53.7	65.6	12.5	..	16.5	80	..	55							
May	.	.	929.8	..	928.8	91.0	..	98	14, 15	63.6	..	56	10	69.8	90.1	64.3	78.4	18.1	..	27.9	72	..	58							
June	.	.	924.0	..	923.0	100.0	..	108	16	71.8	..	65	1	79.2	100.3	66.7	76.3	17.1	..	20.8	52	..	30							
July	.	.	925.0	..	923.6	96.6	..	104	12, 18, 19	75.3	..	69	31	80.3	94.4	73.0	77.6	24.2	..	24.7	70	..	49							
August	.	.	925.6	..	924.3	92.0	..	98	12	72.1	..	67	29	76.4	90.7	72.0	77.6	24.6	..	29.8	78	..	54							
September	.	.	929.6	..	927.3	91.6	..	97	8	69.5	..	57	28, 29	73.7	82.1	68.1	74.6	21.3	..	26.2	74	..	50							
October	.	.	937.3	..	934.5	84.7	..	93	8	56.3	..	49	31	62.0	80.4	55.8	63.8	12.7	..	13.5	65	..	33							
November	.	.	939.8	..	936.9	79.1	..	79	4 days	45.6	..	42	18, 19	49.8	68.6	45.9	55.3	8.9	..	9.5	74	..	46							
December	.	.	940.8	..	938.1	61.3	..	73	1	34.5	..	29	28	37.5	56.2	34.6	46.0	5.6	..	7.3	75	..	45							
Year	.	.	932.5	..	931.4	79.7	..	108	VI	54.8	..	16	1	59.1	76.8	54.4	63.7	14.0	..	16.6	73	..	47							
MINDUBAGH. (Baluchistan.)	5,980																													
January	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
February	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	.	.	818.3	..	811.5	66.2	..	102	13	64.8	..	59	30, 31	71.2	92.8	62.6	78.5	16.4	..	20.9	66	..	42							
September	.	.	819.1	..	816.2	90.3	..	95	4 days	57.9	..	49	28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October	.	.	824.1	..	821.5	79.5	..	86	13, 14	42.7	..	31	30, 31	49.2	75.9	42.6	61.3	7.0	..	13.2	58	..	44							
November	.	.	825.1	..	823.0	60.6	..	79	4	38.8	..	31	29	44.2	64.0	37.8	52.1	5.4	..	8.6	57	..	43							
December	.	.	825.7	..	821.6	55.7	..	69	2	26.6	..	20	27, 28	32.6	51.1	29.5	41.2	4.5	..	6.2	74	..	44							
Year *	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MUSSET. (Baluchistan.)	8,412																													
January	.	.	909.6	..	901.6	86.5	..	69	17, 18, 22	38.8	..	20	10	45.1	84.0	36.8	44.0	3.9	..	5.8	41	..	4							
February	.	.	903.6	..	901.6	66.6	..	84	26	43.5	..	32	1	49.0	63.6	39.0	48.4	4.1	..	5.6	39	..	3							
March	.	.	903.4	..	901.6	82.1	..	95	26	55.8	..	30	3, 4, 5	61.9	78.1	47.5	56.8	5.4	..	7.0	29	..	2							
April	.	.	900.9	..	897.9	88.6	..	100	25	63.1	..	38	1	68.7	86.0	60.5	58.7	5.4	..	6.1	24	..	1							
May	.	.	898.1	..	896.0	96.5	..	103	13	71.5	..	56	6	77.6	94.2	58.7	64.3	9.2	..	8.3	28	..	1							
June	.	.	898.1	..	891.0	105.6	..	114	26	80.0	..	67	7	80.1	104.6	62.2	68.6	9.4	..	9.2	23	..	1							
July	.	.	891.9	..	888.4	105.8	..	113	18	81.1	..	73	24	86.1	102.4	67.4	73.9	14.4	..	16.9	38	..	2							
August	.	.	892.0	..	888.9	106.6	..	111	13	81.8	..	75	28	85.9	104.1	63.5	67.9	11.0	..	8.9	26	..	1							
September	.	.	896.3	..	894.6	97.5	..	106	18	72.5	..	62	30	76.5	95.8	54.7	62.7	5.9	..	6.3	19	..	1							
October	.	.	903.7	..	902.1	87.3	..	94	13, 14, 25	63.8	..	50	27, 30	68.1	84.7	47.9	56.9	3.5	..	4.7	14	..	1							
November	.	.	907.1	..	903.3	77.8	..	86	5	65.8	..	42	30	59.1	74.6	43.0	52.5	3.8	..	4.7	23	..	1							
December	.	.	907.1	..	904.5	61.9	..	76	4	10.0	..	24	23	46.3	59.8	37.6	44.8	4.4	..	4.1	37	..	1							
Year	.	.	900.0	..	897.6	86.1	..	114	VI	62.2	..	30	1	67.6	83.6	50.8	58.3	6.7	..	7.3	28	..	1							

\* Reports only rainfall.

(b) Mean of 29 days only.

(d) " " 27 "

G. M. T.) and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—contd.

Table II-A.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs.)

STATION AND MONTH	Height of bar. cistern above mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature,				Minimum temperature,				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.				Relative humidity, %			
		Mean 8 hrs. I. S. T.		Departure from normal.		Mean 17 hrs. I. S. T.		Mean.		Departure from normal.		Mean.		Departure from normal.		Mean 8 hrs. I. S. T.		Mean 17 hrs. I. S. T.		Mean 8 hrs. I. S. T.		Mean 17 hrs. I. S. T.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
TURBAT. (Baluchistan.)	510																								
January		990.7	..	997.2	73.1	..	80	24	51.3	..	42	11	54.1	72.0	51.9	66.9	12.3	..	29.3	85	..	75			
February		997.0	..	994.5	81.4	..	90	26	53.4	..	44	2, 3	57.2	80.9	53.3	68.3	12.1	..	13.6	70	..	50			
March		996.8	..	998.7	94.2	..	104	16, 29	62.9	..	48	5	64.8	92.9	59.1	72.0	15.0	..	13.2	71	..	36			
April		992.6	..	989.2	99.7	..	108	22, 23	66.8	..	52	1	73.8	98.6	64.0	74.5	15.8	..	19.2	56	..	30			
May		989.8	..	985.9	108.2	..	117	25	70.5	..	70	1	88.3	106.5	75.1	80.8	26.1	..	24.2	67	..	30			
June		984.4	..	979.8	110.1	..	121	13	82.3	..	78	9	85.8	108.9	79.5	84.4	31.5	..	29.1	76	..	35			
July		983.6	..	979.7	102.0	..	114	8	81.2	..	77	4 days	82.8	100.3	78.8	82.0	31.8	..	28.1	89	..	46			
August		984.4	..	980.3	108.5	..	110	21	80.8	..	78	1, 27, 28	82.1	102.3	77.8	84.7	30.5	..	38.7	81	..	47			
September		980.1	..	985.3	99.9	..	110	23	76.1	..	72	25	77.2	99.2	73.7	80.5	26.6	..	27.1	83	..	45			
October		980.6	..	992.5	97.9	..	106	11	68.6	..	54	30	71.2	96.8	65.1	75.4	18.4	..	28.3	71	..	35			
November		994.4	..	995.9	90.1	..	98	7	60.7	..	57	30	63.1	89.0	57.8	71.5	18.8	..	18.4	71	..	39			
December		1001.2	..	996.7	78.0	..	88	6	52.6	..	41	27	54.9	77.0	49.8	62.4	10.1	..	12.8	67	..	40			
Year		989.9	..	980.4	94.9	..	121	VI	67.0	..	41	XII	70.9	93.7	65.5	75.3	20.8	..	23.2	74	..	42			
KRISHNA (Madras.)	280																								
January		1007.1	..	1004.7	..	..	..	..	(c) 38.7	..	28	10, 11	41.6	69.2	40.0	57.9	7.8	..	13.1	89	..	48			
February		1004.5	..	1001.4	(b)	..	..	..	..	..	..	..	49.9	79.8	48.8	62.8	8.5	..	13.0	77	..	38			
March		1003.2	..	1000.6	90.6	..	108	28	55.4	..	36	5	60.6	92.0	50.7	..	13.9	..	75	..	..	..			
April		999.3	..	996.2	9.2	..	10	30	64.3	..	47	2	71.3	97.1	..	..	..	..	..	..	..	..	..		
May		993.8	(b)	990.1	150.9	..	114	17	75.1	..	64	9	82.0	102.1	..	..	..	..	..	..	..	..	..		
June		989.7	..	985.8	112.1	..	113	18	81.3	..	70	86.5	110.7	..	..	..	..	..	..	..	..	..	..		
July		989.0	..	986.1	106.2	..	116	7	80.9	..	60	1	86.6	102.8	..	..	..	..	..	..	..	..	..		
August		990.6	..	987.1	104.4	..	108	18	81.5	..	79	18	84.8	108.7	..	..	..	..	..	..	..	..	..		
September		995.0	..	991.8	108.2	..	108	2	74.4	..	68	4 days	80.4	101.5	..	..	..	..	..	..	..	..	..		
October		1003.0	..	1000.8	98.4	..	102	11	..	..	..	28, 29	80.4	101.5	..	..	..	..	..	..	..	..	..		
November		1007.3	..	1004.1	90.2	..	93	5 days	51.9	..	46	4, 30	62.1	80.2	58.2	72.6	14.8	..	21.3	77	..	62			
December		1009.1	..	1007.0	77.7	..	84	4 days	39.0	..	37	25	44.2	73.5	40.2	61.5	6.7	..	13.2	69	..	48			
Year		999.3	..	96.3	..	..	120	VI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
KARACHI. (Marine Air Port.) (Sind.)	17																								
January		1015.0	..	1013.4	71.9	..	80	28	55.2	..	45	13, 12	56.4	69.8	40.0	57.2	9.4	..	10.4	60	..	41			
February		1012.8	..	1010.8	78.7	..	84	25	59.2	..	51	1	62.2	75.0	59.2	66.2	14.8	..	17.7	77	..	54			
March		1012.6	..	1010.2	82.5	..	84	28	64.8	..	53	6	69.1	79.6	65.3	71.5	9.5	..	21.4	80	..	62			
April		1009.5	..	1006.3	84.8	..	90	18	78.4	..	40	1	74.4	81.2	70.7	73.7	23.8	..	24.6	80	..	68			
May		1004.0	..	1002.0	89.2	..	100	7	78.6	..	76	3	81.9	90.6	77.6	80.1	30.3	..	32.1	82	..	74			
June		999.4	..	997.1	90.5	..	92	4 days	89.5	..	80	9	84.3	88.4	80.2	81.8	33.4	..	34.3	83	..	74			
July		998.6	..	996.7	87.9	..	94	19	80.4	..	76	10	82.3	85.2	79.6	80.5	32.9	..	33.6	88	..	84			
August		999.5	..	997.8	86.8	..	90	23	79.5	..	78	1	81.4	85.1	78.0	79.5	31.1	..	31.9	87	..	83			
September		1004.6	..	1002.3	85.8	..	88	25	77.0	..	76	29	70.1	83.1	76.6	78.9	30.1	..	31.9	89	..	83			
October		1011.7	..	1009.5	87.2	..	90	19, 20, 21	78.5	..	94	29	75.3	89.8	71.6	76.3	24.9	..	27.5	88	..	91			
November		1014.6	..	1012.0	85.4	..	94	14	65.0	..	50	27	68.3	81.0	65.5	74.5	20.1	..	26.2	86	..	84			
December		1014.9	..	1014.6	78.6	..	96	1, 2	54.7	..	44	23	59.0	75.7	64.5	66.8	12.5	..	18.8	72	..	64			
Year		1008.2	..	1006.1	84.1	..	100	V.	70.2	..	44	XII	72.8	81.8	69.0	72.8	23.6	..	25.8	81	..	69			

(b) mean of 20 days.

(c) mean of 26 days.

(d) mean of 23 days.

G. M. T.) and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—contd.

Cloud amount (tenths of sky).			Rainfall, inches.			Number of rainy days (0-10° or more).			Wind vele- city, miles per hour.			Wind direction—Number of winds during the year from :-															STATION AND MONTH.			
Mean 8 hrs. F. & P.	Departure from Normal.	I. S. T.	Total of the month or year.	Departure from normal.	Heaviest fall in 24 hrs.	Date.	Total in the months of years.	Departure from Normal.	Mean.	Departure from Normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
1.8	..	1.3	0.43	..	0.40	4	1	..	5.4	..	1	8	8	5	0	0	2	1	6	2	5	1	1	4	5	9	1	3	January.	
1.9	..	1.6	0	..	0	..	0	..	5.5	..	1	7	10	4	0	1	1	0	4	2	5	2	0	1	4	11	3	0	February.	
1.8	..	1.4	0	..	0	..	0	..	6.8	..	1	6	11	6	1	0	1	0	5	0	2	0	0	1	4	22	3	0	March.	
1.0	..	1.5	0	..	0	..	0	..	6.6	..	0	4	4	2	1	3	3	1	12	0	1	0	0	5	7	17	0	0	April.	
0.6	..	2.0	0	..	0	..	0	..	6.6	..	1	8	6	3	3	3	2	1	4	1	2	1	2	3	4	17	1	0	May.	
2.9	..	6.9	0.12	..	0.12	2	1	..	7.9	..	0	2	2	4	5	5	6	1	5	2	2	0	1	5	11	8	1	0	June.	
6.8	..	4.5	1.03	..	0.56	24	3	..	8.2	..	6	0	0	4	7	7	10	2	1	0	0	1	1	18	8	7	1	0	July.	
6.9	..	2.0	0	..	0	..	0	..	8.5	..	0	0	0	3	7	12	6	3	0	0	0	0	1	7	12	10	1	0	August.	
5.3	..	6.6	0	..	0	..	0	..	7.5	..	0	2	0	0	1	5	18	3	1	1	0	0	0	0	9	14	6	0	September.	
0.6	..	0	0	..	0	..	0	..	5.2	..	1	10	3	3	0	0	3	0	11	0	2	1	1	4	6	11	6	0	October.	
2.5	..	1.7	0	..	0	..	0	..	4.4	..	0	21	8	6	0	0	0	0	1	0	4	0	0	1	5	12	6	1	November.	
1.6	..	2.2	0.44	..	0.44	4	1	..	5.2	..	1	16	12	2	0	0	0	0	0	7	1	2	0	8	14	2	2	December.		
2.7	..	2.9	2.02	..	0.55	VII	6	..	6.5	..	6	84	64	36	25	36	52	12	56	8	30	8	9	44	78	151	51	6	Year.	
TURAT. (Baluchistan.)																														
BETI. (Sind.)																														
0.2	..	2.9	0	..	0	..	0	..	4.4	..	8	10	5	1	1	0	2	2	2	10	5	8	1	0	0	8	8	0	January.	
0.5	..	2.0	0	..	0	..	0	..	3.7	..	9	7	2	1	2	1	3	6	3	4	3	2	0	2	3	8	5	1	February.	
0.1	..	0	0	..	0	..	0	..	5.9	..	7	10	1	3	5	1	1	3	0	2	3	6	0	1	3	11	5	0	March.	
0.4	..	0.7	0	..	0	..	0	..	6.8	..	5	10	0	1	7	3	2	0	2	4	5	2	0	2	6	9	2	0	April.	
0	..	0	0	..	0	..	0	..	6.3	..	3	5	2	1	11	4	4	1	0	3	1	1	1	2	11	11	1	0	May.	
(b)	0.4	0	(b) 0	..	0	..	0	..	..	..	6	2	0	1	6	12	0	1	(b) 1	1	1	1	1	2	13	5	4	1	June.	
2.2	..	2.9	2.69	..	1.75	7	2	..	7.5	..	0	1	2	3	11	12	1	1	0	2	2	6	2	5	9	4	1	July.		
0.9	..	0.5	0	..	0	..	0	..	7.5	..	0	1	2	2	17	8	0	1	0	1	3	0	3	12	9	1	2	0	August.	
0.2	..	0	0	..	0	..	0	..	6.0	..	1	3	1	3	17	5	0	0	0	3	0	1	3	7	5	8	3	0	September.	
0.2	..	0	0	..	0	..	0	..	4.4	..	2	9	2	3	5	6	2	2	0	10	1	0	0	2	1	13	4	0	October.	
0	..	0	0	..	0	..	0	..	3.3	..	3	9	3	2	8	1	2	0	2	2	8	0	0	1	7	8	4	0	November.	
0.3	..	0.5	0	..	0	..	0	..	..	..	5	11	2	2	2	2	1	0	6	5	9	2	0	4	2	6	3	0	December.	
0.6	..	0.6	2.69	..	1.75	VII	2	..	..	..	49	78	22	23	92	55	18	11	16	47	41	24	12	51	62	92	33	3	Year.	
KARACHI. (Marine Air Port.) (Sind.)																														
2.6	..	2.2	0.95	..	0.85	4	3	..	5.7	..	6	13	4	1	0	0	0	1	6	0	7	2	3	3	8	4	4	0	January.	
1.6	..	1.0	0	..	0	..	0	..	4.9	..	6	6	2	0	0	0	4	4	6	0	0	0	1	1	15	11	0	February.		
1.9	..	1.0	0	..	0	..	0	..	7.4	..	3	2	2	0	0	5	7	8	4	0	0	0	1	0	16	12	2	0	March.	
2.6	..	2.6	0	..	0	..	0	..	7.1	..	3	3	0	0	0	4	10	9	1	0	0	0	0	0	18	12	0	0	April.	
2.6	..	0.6	0	..	0	..	0	..	9.4	..	1	1	0	0	0	8	17	3	1	0	0	0	0	0	18	13	0	0	May.	
5.1	..	3.6	0	..	0	..	0	..	11.4	..	0	0	0	0	0	11	16	3	0	0	0	0	0	0	16	14	0	0	June.	
5.3	..	7.7	4.66	..	1.95	2	3	..	10.6	..	0	0	0	0	0	8	22	1	0	0	0	0	0	0	15	16	0	0	July.	
5.3	..	6.2	0.14	..	0.07	1	0	..	9.5	..	0	0	0	0	0	11	17	2	1	0	0	0	0	0	1	20	10	0	0	August.
7.0	..	4.1	0.17	..	0.17	25	1	..	8.5	..	4	0	0	0	0	6	20	4	0	0	0	0	0	0	0	14	16	0	0	September.
0.8	..	0.6	0	..	0	..	0	..	6.0	..	4	3	0	0	1	4	10	6	3	0	2	0	0	0	0	13	15	0	0	October.
1.7	..	1.2	0	..	0	..	0	..	4.4	..	3	12	5	0	0	0	2	2	6	0	0	0	1	1	16	12	0	0	November.	
1.3	..	0.7	0.06	..	0.06	22	0	..	4.3	..	7	19	5	0	0	0	0	0	0	1	4	3	0	5	12	5	0	0	December.	
3.7	..	2.6	5.98	..	1.95	VII	7	..	7.4	..	33	59	18	1	1	57	125	48	28	1	18	6	6	11	181	141	7	0	Year.	

Table II-A.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

STATION AND MONTH.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %					
		Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean	Departure from normal.	Highest.	Date.	Mesa.	Departure from normal	Lowest.	Date.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
KASSEGAR.*	4,296																								
(East Turkistan.)																									
January	..	864.0	-4.2	..	28.2	-0.8	35	31	36	-7.8	-7	15	9.9	..	8.9	..	1.7	-0.8	..	79	+2	..			
February	..	861.6	-4.7	..	29.9	-18.4	49	23	12.5	-7.9	-4	9	18.6	..	16.2	..	2.4	-1.1	..	62	-18	..			
March	..	862.0	-1.6	..	47.5	-10.2	68	31	34.1	-0.9	28	7	38.7	..	35.7	..	5.6	+0.3	..	55	-4	..			
April	..	859.9	-2.8	..	72.0	-0.4	88	24	49.0	+0.7	36	6	59.3	..	48.5	..	7.3	-0.7	..	45	-8	..			
May	..	858.5	-3.8	..	81.6	-1.0	89	17	59.8	+2.5	50	8	69.0	..	56.4	..	10.5	-1.1	..	44	-8	..			
June	..	855.7	-3.6	..	88.0	-1.8	90	29, 30	64.6	+1.8	52	8	75.8	..	60.2	..	11.8	-3.5	..	37	-17	..			
July	..	855.1	-2.8	..	92.2	-1.0	101	19, 20	68.5	+1.8	60	14	78.9	..	66.2	..	15.9	-0.7	..	50	-6	..			
August	..	855.7	-4.5	..	88.2	-2.9	96	13	64.1	-1.2	55	30	72.9	..	64.2	..	17.1	+0.1	..	61	-2	..			
September	..	859.8	-4.7	..	88.9	+0.5	91	16, 18	57.8	+1.8	47	30	65.6	..	55.9	..	11.8	-1.1	..	54	-6	..			
October	..	866.2	-2.8	..	71.9	+0.9	83	15	43.2	+0.9	29	31	50.3	..	45.4	..	9.2	+1.8	..	74	+11	..			
November	..	864.5	-5.9	..	58.6	+0.9	65	8	30.3	+2.2	25	25	35.6	..	33.6	..	5.7	+1.1	..	32	+	..			
December	..	865.0	-8.8	..	38.0	+1.4	50	31	17.9	+1.4	10	27, 28, 29	21.7	..	20.7	..	8.2	+0.2	..	37	+3	..			
Year	..	860.9	-8.7	..	64.2	-3.0	101	VII	42.1	-0.5	-7	I	49.7	..	42.7	..	8.5	-0.4	..	61	-3	..			
KUWAIT.	16																								
(Isog.)																									
January	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
May	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
July	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
August	..	996.9	..	(b) 997.4	106.7	..	115	4	86.0	..	82	23, 24	91.3	101.2	78.2	84.6	27.0	..	(b) 32.5	54	..	(b) 49	..		
September	..	1004.0	..	1002.9	101.3	..	115	3	81.5	..	72	30	86.4	94.8	73.8	81.4	22.8	..	30.1	53	..	53	..		
October	..	1014.6	..	1011.5	91.9	..	100	3, 4	70.5	..	64	30	77.9	86.4	68.2	73.6	19.3	..	22.4	60	..	55	..		
November	..	1016.6	..	1015.0	78.5	..	86	18	65.8	..	58	24	69.2	75.9	62.5	66.7	16.5	..	18.4	69	..	61	..		
December	..	1020.2	..	1018.3	66.8	..	76	1	58.6	..	46	28	58.1	64.2	54.8	57.4	12.6	..	12.8	75	..	64	..		
Year	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
LUABA.*	12,090																								
(Tide.)																									
January	..	631.0	..	..	44.8	..	56	1	14.3	..	6	18	23.0	..	23.8	..	4.2	..	..	95	..	..	..	..	
February	..	626.0	..	..	45.5	..	58	23	19.6	..	5	3	27.6	..	27.4	..	5.1	..	..	95	..	..	..	..	
March	..	631.3	..	..	54.9	..	68	31	28.5	..	18	10	38.1	..	37.7	..	7.5	..	..	97	..	..	..	..	
April	..	630.4	..	..	61.6	..	78	2	35.9	..	27	6, 14	46.0	..	42.0	..	7.0	..	..	75	..	..	..	..	
May	..	629.7	..	..	64.0	..	73	31	40.1	..	27	1	50.5	..	44.4	..	8.1	..	..	65	..	..	..	..	
June	..	630.3	..	..	74.9	..	81	20, 21, 30	49.8	..	45	5	58.2	..	53.6	..	12.6	..	..	63	..	..	..	..	
July	..	636.0	..	..	72.7	..	88	1	49.0	..	46	5, 19	56.8	..	51.7	..	11.5	..	..	73	..	..	..	..	
August	..	631.8	..	..	71.1	..	79	31	49.8	..	45	19	55.2	..	51.7	..	11.9	..	..	77	..	..	..	..	
September	..	634.2	..	..	68.4	..	78	3	47.6	..	44	12, 17	54.1	..	50.8	..	11.5	..	..	78	..	..	..	..	
October	..	635.6	..	..	59.7	..	78	3	35.0	..	25	27, 28, 31	46.1	..	41.4	..	7.5	..	..	69	..	..	..	..	
November	..	635.1	..	..	50.0	..	56	7	21.8	..	16	22, 23	31.3	..	28.6	..	4.5	..	..	75	..	..	..	..	
December	..	631.3	..	..	42.7	..	58	1	12.8	..	5	26	22.3	..	21.2	..	3.4	..	..	66	..	..	..	..	
Year	..	631.6	..	..	59.1	..	88	VII	33.7	..	5	II, XII	42.5	..	39.5	..	8.0	..	..	79	..	..	..	..	

\* Aneroid barometer in sec.

(a) mean of 30 days.

(b) mean of 20 days.

(c) mean of 28 days.

17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1945—*contd.*

Table III.—Abstract of observations recorded

STATION.	Height of barometer above mean sea level in feet.	Pressure at station level, millibars.			Maximum temperature, °F.					Minimum temperature, °F.			Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, millibars.			Relative humidity %			
		Mean	4 hrs.	Departure from normal.	Mean	5	6	7	8	Month.	Mean	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
IRAN.																									
Charbar	25	1008.5	..	1006.1	..	..	..	..	..	..	71.4	-0.1	50	I, XII	74.5	82.2	71.1	76.1	25.3	+0.8	28.5	84	+9		
Jahk	13	1008.6	..	1006.4	86.0	-0.9	103	VI, VIII	73.9	+0.6	52	I	77.1	84.5	71.2	75.2	24.6	+0.3	26.5	73	+2				
Bandas Abbas	29	1008.7	..	1006.7	..	..	..	..	..	..	71.9	..	45	XII	79.0	86.4	72.1	76.1	25.5	..	27.8	70	..		
Bushire	14	..	..	..	81.8	0	104	VI	66.8	-2.5	40	I	78.1	80.0	67.6	72.7	22.0	+0.4	25.5	75	+1				
Ispahan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Mashed	..	5817	898.4	..	895.9	71.4	+1.2	102	VII, VIII	42.7	-0.2	9	I	54.2	66.2	47.0	53.6	9.2	+0.5	10.4	63	-1			
Sistan	..	3104	955.6	..	952.7	..	..	..	..	..	56.4	+0.4	19	XII	63.7	82.9	63.3	61.8	10.7	-0.4	10.9	53	0		
ABU DHABI.																									
Bahrain	12	1000.0	..	1007.7	84.2	-0.8	110	VII	72.9	+0.9	49	I	76.5	82.2	71.9	74.2	25.0	+1.4	26.4	80	+4				
Muscat	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Shaqqa	18	1000.9	..	1006.9	89.2	+1.0	111	VII	63.1	+0.2	47	XII	74.3	85.9	67.3	74.5	20.8	-0.3	25.0	69	-2				

\* ABNORMAL.

Table IV.—Abstract of observations recorded at 8 hrs. (I. S. T.) at 4th Class Stations for the year 1945.

STATION.	Maximum temperature, °F.					Minimum temperature, °F.					Mean dry bulb temperature 8 hrs. I. S. T. °F.			Mean wet bulb temperature 8 hrs. I. S. T. °F.			Vapour pressure Millibars			Relative Humidity %			Rainfall—Inches.					Number of rainy days (0-10" or more)			Wind
	Mean.	Departure from normal.	Height during the year.	Month.	Mean.	Departure from normal.	Lowest during the year.	Month.	Mean	8 hrs.	I. S. T.	Mean	8 hrs.	I. S. T.	Mean	8 hrs.	I. S. T.	Mean	8 hrs.	I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hours.	Month.	Total in the year.	Departure from normal.	Results & direction 8 hrs. I. S. T.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27					
ARMENIA.																															
Lumding	..	..	98	IV	..	..	41	XII	60.7	67.2	22.8	-0.6	87	+1	..	..	55.82	+4.55	2.05	X	98	+1.30	..	..	..						
BENGAL.																															
Pabna	87.9	-0.7	105	IV, V	68.1	+0.5	44	I, XII	74.5	70.7	25.2	-0.5	81	+1	..	..	63.48	+4.58	3.77	X	85	+1.2	..	..	..						
KEDARNA.																															
Jammu	85.1	+0.3	115	VI	65.1	-0.9	33	I	68.6	59.7	15.0	-0.6	61	+1	3.3	41.80	-0.30	4.60	VII	53	+2.6	..	..	..							
Kangil	56.1	-8.2	95	VII	36.4	-1.2	-10	I	39.9	35.2	7.2	+1.0	64	+1	2.7	10.57	+1.12	1.05	VI	35	+12.3	..	..	..							
MYSONE.																															
Balehounur	80.8	+0.7	93	III	63.3	0	48	XII	68.0	65.7	20.3	+0.3	83	-1	..	77.78	-25.12	4.78	VII	110	-11.5	..	..	..							
TIBET.																															
Yatang (Chuunbl)	56.5	+0.3	72	VII	31.7	-4.1	4	I	40.3	39.2	8.9	+0.2	91	+4	5.5	41.64	+9.98	3.08	X	116	+16.6	..	..	..							
IRAN.																															
Sabzidag	70.6	+1.8	107	VI	50.7	+2.7	13	XII	66.8	49.6	6.3	-6.0	30	-3	1.7	1.45	-2.10	0.38	XI	4	-4.9	..	..	..							

at 4 and 12 hrs. (G. M. T.) for the year 1945.

Hrs. Mean	Departure from normal.	Mean 12 hrs.	Rainfall, inches.		Number of rainy days, (0-10° or more.)	Wind velo- city, miles per hour.	Wind direction—Number of winds during the year from :—																			STATION.				
			4 hrs.										12 hrs.																	
			Total of the year.	Departure from normal.	Heaviest fall during the year in 24 hrs.	Month.	Total in the year.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	S E	S	SW	W	NW	Calm	N	NE	E	S E	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
3-8	+1-4	2-5	0-20	-3-72	0-20	XII	1	-5-4	..	..	16	21	111	36	12	9	18	46	x	0	2	2	65	119	91	66	8	1	Iran.	
2-3	+0-2	1-7	4-58	-0-03	0-97	I	6	-2-4	8-6	+0-3	29	72	147	5	2	9	41	46	14	3	1	16	62	57	138	86	2	0	Jaak.	
1-9	..	1-3	5-15	..	1-50	I	9	..	6-0	..	18	149	33	16	10	7	16	39	77	1	21	3	50	215	47	8	7	12	Bandar Abbas.	
1-5	-0-2	1-5	14-22	+3-42	2-82	XII	24	+5-9	8-4	+1-3	126	33	18	15	8	5	10	77	73	76	9	1	6	13	29	30	181	21	Bushire.	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ipahan.	
3-8	-0-1	3-2	11-46	+1-45	0-95	V	32	+6-1	1-6	+0-2	19	2	24	20	9	1	8	4	278	8	4	104	34	2	1	5	9	198	Moshad.	
F-9	+0-1	1-9	0-89	-1-22	0-82	I	4	-3-9	..	..	0	0	0	0	0	0	0	184	174	0	0	0	0	0	0	0	0	144	216	Sistan.
2-6	0	2-4	2-27	-1-43	0-90	I	5	-3-8	5-6	-2-6	50	6	9	13	16	15	31	106	119	118	36	32	27	7	2	3	130	5	ARABIA.	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Bahrain.	
1-8	-0-4	1-6	1-08	-2-43	0-66	I	4	-3-8	..	..	0	8	61	97	119	30	10	9	31	51	6	8	2	1	8	184	158	0	Sharjah.	

× Total for 356 days.

† Total for 353 days.

± Total for 358 days.

‡ Total for 361 days.

Table V.—Abstract of observations recorded at 8 hrs. (I. S. T.) at 5th Class Stations for the year 1945.

DIVISION.	STATION.	Rainfall—Inches.				Number of rainy days (0-10° or more.)	DIVISION.	STATION.	Rainfall—Inches.				Number of rainy days (0-10° or more.)							
		Total of the year.	Departure from normal.	Heaviest fall du- ring the year in 24 hrs.	Month.				Total of the year.	Departure from normal.	Heaviest fall du- ring the year in 24 hrs.	Month.								
		1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8			
Assam	Mawlynnram	..	..	..	..	..	..	..	..	Kashmir	..	..	Sonamarg	..	62-72	-7-54	3-24	III	107	+1-8
Bengal	Bankura	47-06	-8-48	2-06	I	78	+4-8		Gares	..	..	..	..	..	..	..	..	..	..	..
	Rajahani	72-92	+16-62	7-15	II	73	-1-9		Baluchistan	..	..	Harnai	..	7-25	-6-26	1-60	VII	12	-12-4	
	Sirajganj	59-63	-4-78	#78	X	66	-17-6		Rajputana, East	..	..	Udaipur	..	23-11	-1-40	2-55	VI	41	+7-4	
	Rangpur	73-41	-10-68	4-16	VIII	88	+5-6		Bombay, Deccan	..	..	Khandala	..	..	..	..	..	..	..	..
Bihar	Cooch Behar	145-05	-0-02	10-00	VII	106	-5-8		Madras, Southeast	..	..	Palamcottah	..	29-91	+0-53	3-85	XI	7	-4-0	
	Muzaffarpur	50-02	+1-58	3-10	X	63	+6-8		Madras, Deccan	..	..	Anantapur	..	16-33	-7-98	2-19	IX	21	-18-6	
	Chapra	31-92	-10-68	3-03	X	43	-9-8		Sikkim	..	..	Lachung	..	53-12	+18-77	2-17	I	163	+1-7	
United Provinces, West	Arrah	45-25	-1-05	4-92	X	59	+2-7													
Punjab, East and North	Meerut	33-07	+1-16	2-95	VII	43	+2-0													
	Dharampore	..	..	..	..	..	..													
	Kyelang	..	..	..	..	..	..													
	Dalhousie	105-08	+20-97	9-60	I	86	-9-0													

**Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 16 First Class Stations in India during each month and the year 1945.**

Station, height of bar. cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.		N	NE	E	SE	S	SW	W	NW	Calm
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>CALCUTTA (21)</b>																									
January . . . . .	1,012.0	1,013.0	-1.0	76.0	64.9	-0.4	61.8	58.0	-0.8	12.7	13.0	-1.1	41	64	-8	1.2	10	0	0	1	1	1	1	11	6
February . . . . .	1,000.8	1,009.6	-3.0	83.1	70.9	+0.6	64.6	61.0	-0.1	14.1	14.1	-1.1	33	57	-7	1.7	2	1	0	1	1	6	4	11	2
March . . . . .	1,009.7	1,009.5	+0.4	92.7	82.1	+2.8	72.6	71.2	+1.1	18.7	19.0	-0.3	35	39	-6	1.3	4	1	0	0	5	10	6	1	4
April . . . . .	1,007.1	1,006.8	+1.2	92.5	83.6	-1.5	77.9	75.6	-0.7	26.0	27.0	+0.4	61	72	+4	4.5	1	1	1	2	6	14	3	0	2
May . . . . .	1,002.5	1,002.2	-0.4	93.8	86.4	+0.8	82.6	79.8	+1.2	32.8	31.9	+2.8	61	75	+3	4.2	0	0	1	2	13	12	1	0	2
June . . . . .	997.9	997.9	-0.8	92.4	87.4	+2.8	83.9	82.1	+2.2	35.9	35.5	+3.2	71	82	+2	7.7	0	2	1	1	7	7	2	1	9
July . . . . .	999.1	999.1	+0.6	88.3	85.0	+1.0	81.9	80.4	+0.6	35.1	33.9	+1.4	75	84	-1	8.5	0	0	6	8	6	11	0	0	0
August . . . . .	999.9	999.8	-0.4	88.9	85.2	+2.5	81.9	80.5	+0.9	35.7	34.2	+1.7	74	83	-3	8.6	0	0	0	4	8	12	3	1	3
September . . . . .	1,002.6	1,002.7	-0.9	87.6	84.6	+1.5	81.3	80.8	+0.9	35.1	34.0	+2.1	76	87	+3	8.5	0	1	9	7	5	3	0	0	5
October . . . . .	1,000.5	1,009.7	+1.1	85.0	80.2	-0.2	73.9	75.4	+0.3	28.1	28.4	+1.5	69	84	+4	6.0	5	6	3	3	3	1	4	4	
November . . . . .	1,011.8	1,012.2	-0.6	83.7	73.9	+1.2	63.7	66.8	+0.8	19.4	19.3	+0.4	47	70	-2	2.0	8	5	0	0	0	4	9	4	
December . . . . .	1,013.9	1,014.2	-0.8	77.0	65.0	+0.3	62.2	58.2	0	12.5	13.1	-1.2	40	64	-5	1.1	12	1	0	0	0	1	0	11	6
Year . . . . .	1,006.4	1,006.4	-0.5	86.7	79.2	+1.1	74.8	72.5	+0.5	25.5	25.5	+0.8	56	73	-2	4.6	42	18	21	28	55	80	26	49	47
<b>NEW DELHI (714).</b>																									
January . . . . .	990.2	989.6	..	61.6	55.2	..	51.0	46.7	..	8.1	8.3	..	46	64	..	3.8	1	2	1	3	1	0	8	15	0
February . . . . .	987.3	976.4	..	71.4	59.5	..	52.1	47.7	..	4.6	5.3	..	18	35	..	2.4	0	0	1	1	2	0	7	17	0
March . . . . .	987.2	986.0	..	85.9	72.9	..	60.2	59.4	..	6.8	7.1	..	15	30	..	1.9	8	0	0	4	1	2	3	13	0
April . . . . .	983.6	982.4	..	92.1	81.3	..	63.7	62.3	..	9.8	10.0	..	19	32	..	3.1	3	0	2	4	2	1	12	3	
May . . . . .	977.8	976.8	..	102.0	91.6	..	69.9	66.7	..	10.5	12.3	..	17	27	..	1.6	4	3	1	3	3	3	14	0	
June . . . . .	973.6	972.0	..	102.3	94.2	..	74.8	72.8	..	17.1	17.2	..	26	37	..	3.8	2	5	1	0	0	1	4	14	3
July . . . . .	974.6	973.5	..	90.9	86.8	..	79.5	79.2	..	30.1	30.5	..	60	72	..	7.2	3	11	11	0	1	0	2	2	1
August . . . . .	975.0	974.2	..	90.8	85.7	..	79.5	77.8	..	29.1	29.2	..	61	75	..	7.2	3	3	8	2	1	1	9	4	0
September . . . . .	989.6	981.8	..	86.9	81.6	..	77.3	71.8	..	28.8	28.9	..	66	79	..	5.4	1	1	6	3	2	1	7	5	4
October . . . . .	987.2	985.0	..	86.9	76.1	..	69.3	65.7	..	17.3	16.0	..	39	61	..	1.6	5	4	2	2	0	2	5	6	6
November . . . . .	989.7	980.2	..	80.2	66.9	..	61.1	56.0	..	9.8	10.0	..	28	49	..	0.4	2	2	0	2	0	1	5	14	4
December . . . . .	992.1	991.3	..	68.5	55.4	..	53.1	46.8	..	6.8	6.9	..	28	50	..	1.6	2	2	2	0	1	0	12	11	1
Year . . . . .	984.0	981.6	..	85.0	75.5	..	66.1	62.7	..	14.9	15.2	..	35	51	..	3.3	34	33	35	24	12	13	66	127	21
<b>LAKHNAU (702)</b>																									
January . . . . .	991.4	990.5	-1.4	57.7	48.8	-3.7	51.5	46.6	..	10.4	9.7	..	64	81	..	5.3	2	2	1	2	2	1	7	14	0
February . . . . .	988.3	987.2	-3.2	68.0	55.2	-1.6	53.7	48.5	..	17.0	10.8	..	34	56	..	3.1	3	0	1	3	0	1	6	13	1
March . . . . .	988.4	987.1	+0.6	79.0	68.2	+0.3	62.0	54.8	..	12.2	12.2	..	36	54	..	4.2	5	3	5	1	2	0	6	8	1
April . . . . .	984.9	983.7	+1.7	84.9	75.6	-4.0	67.1	64.4	..	14.7	15.6	..	39	54	..	3.8	4	5	3	2	2	1	5	7	1
May . . . . .	978.7	977.5	-0.1	99.4	87.7	+0.3	74.0	70.7	..	17.3	18.2	..	27	41	..	1.9	5	7	2	0	2	2	4	6	3
June . . . . .	973.4	972.1	-1.1	101.3	90.7	-1.0	76.7	74.6	..	20.5	21.2	..	34	44	..	2.9	2	0	1	3	5	7	4	5	3
July . . . . .	974.7	973.3	+0.3	91.3	89.6	+1.4	82.3	81.2	..	34.8	34.3	..	69	77	..	6.7	2	5	3	8	5	1	2	1	3
August . . . . .	975.6	974.3	--0.9	91.5	86.4	0	81.8	80.4	..	32.7	32.8	..	66	77	..	5.8	2	3	4	4	5	2	5	1	3
September . . . . .	980.6	979.7	-0.2	90.0	83.7	-0.4	80.0	77.9	..	30.6	30.4	..	66	80	..	3.7	1	3	6	5	3	3	4	2	2
October . . . . .	986.4	987.1	+1.2	87.1	75.9	+0.9	70.4	66.4	..	17.9	17.4	..	42	63	..	0.7	5	3	3	1	1	0	3	5	10
November . . . . .	991.3	989.2	-1.3	77.6	64.2	+1.7	62.0	56.5	..	12.1	12.0	..	38	64	..	2.0	4	2	0	1	3	3	5	6	6
December . . . . .	993.4	992.5	-0.4	68.4	52.6	-1.7	53.0	47.4	..	7.8	7.9	..	35	62	..	2.7	4	2	0	1	1	2	8	11	2
Year . . . . .	984.1	982.9	-0.3	82.8	78.2	-0.7	67.9	64.1	..	19.0	18.5	..	46	63	..	3.6	39	35	29	31	31	23	59	79	37

**Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 16 First Class Stations in India during each month and the year 1945—contd.**

Station, height of bar. cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.			Wind direction at 12-30 hrs. (I. S. T.) Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	SE	E	S	SW	W	NW	Can.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
<b>SRIWAGAR (5,205)</b>																											
January	843.4	842.7	-2.5	35.0	31.2	+0.5	33.1	29.5	..	5.7	5.3	..	84	92	..	9.1	6	0	1	7	2	2	0	7	6		
February	841.1	840.0	-3.4	43.1	36.6	+3.6	37.8	33.3	..	5.7	5.5	..	63	77	..	5.7	9	0	1	6	0	0	2	7	8		
March	844.2	843.3	+1.0	51.4	46.0	+0.6	45.4	41.9	..	8.4	8.1	..	66	79	..	7.7	6	1	4	3	0	0	3	10	4		
April	841.6	841.0	-0.6	60.0	54.1	-1.7	52.8	48.5	..	10.2	10.2	..	59	72	..	4.8	7	3	1	4	0	1	3	9	2		
May	839.7	839.4	+0.2	70.0	62.2	-1.9	59.1	55.2	..	12.9	12.7	..	54	69	..	5.4	5	2	2	2	2	3	11	2			
June	838.5	834.8	-0.4	81.3	71.8	+1.2	64.8	61.8	..	14.6	15.3	..	42	56	..	2.8	2	1	2	2	2	1	4	8	8		
July	834.1	833.8	+0.3	83.4	76.9	+3.4	70.5	67.7	..	20.1	19.0	..	53	64	..	5.0	0	1	0	0	0	2	8	8	8		
August	834.2	833.5	-0.8	82.6	74.2	+2.8	69.0	66.1	..	18.9	19.0	..	51	65	..	4.0	3	1	1	6	1	5	1	7	0		
September	837.8	837.2	-1.6	79.5	70.4	+4.8	65.1	61.0	..	15.7	15.2	..	48	65	..	3.2	2	0	2	3	1	0	1	9	12		
October	843.7	848.3	0	60.0	57.5	+2.8	55.2	49.0	..	9.6	9.5	..	43	66	..	2.5	5	8	0	2	0	0	0	7	14		
November	846.0	845.5	+0.2	55.8	44.6	-0.5	46.3	39.1	..	7.1	6.4	..	50	70	..	3.0	6	3	1	2	1	1	2	5	0		
December	846.0	845.4	-0.8	43.6	34.7	-1.7	37.1	31.6	..	5.1	4.7	..	56	72	..	4.7	7	2	2	1	0	1	0	8	10		
Year	840.6	840.0	-0.7	62.9	55.0	+1.1	53.0	48.7	..	11.3	11.0	..	56	71	..	5.0	6	17	17	44	9	19	21	96	84		
<b>PUNJAB (1,164).</b>																											
January	976.3	975.6	-1.9	55.8	47.6	-8.1	47.5	42.9	..	7.6	7.3	..	52	67	..	5.8	6	2	2	6	5	1	1	4	4		
February	973.7	972.4	-2.5	62.6	52.6	-1.6	48.3	43.7	..	4.8	5.0	..	24	39	..	3.6	6	2	2	5	3	2	1	6	1		
March	978.8	972.6	-0.2	71.8	62.8	-1.1	57.1	53.6	..	10.1	10.4	..	36	53	..	6.1	5	8	2	2	1	0	3	6	4		
April	970.0	969.0	+0.2	79.8	72.2	-1.2	68.9	60.6	..	13.2	13.5	..	42	54	..	4.6	6	7	5	3	9	0	1	3	2		
May	964.6	963.7	0	92.9	82.7	-0.5	67.2	64.6	..	11.2	12.2	..	22	38	..	3.0	7	8	6	1	2	1	4	1			
June	958.2	957.0	-1.4	101.9	92.2	+1.9	71.8	69.5	..	13.1	13.5	..	20	28	..	1.0	3	12	7	4	0	0	0	4	0		
July	958.7	957.4	0	95.6	89.6	0	79.8	77.4	..	27.6	26.3	..	49	58	..	3.9	7	15	6	0	0	1	0	1			
August	960.2	958.8	-1.0	91.6	85.0	-2.1	79.3	77.4	..	28.6	28.2	..	57	67	..	2.9	6	14	4	1	1	0	2	2			
September	964.1	962.8	-2.3	91.1	84.1	+2.2	76.3	73.4	..	24.5	24.0	..	49	62	..	1.9	7	15	2	3	0	0	0	2	1		
October	972.3	971.2	-0.3	82.8	73.5	+1.2	66.2	61.9	..	14.6	13.6	..	38	52	..	1.1	7	15	2	3	0	0	0	4	0		
November	975.6	974.7	-1.1	72.6	62.5	+2.1	59.0	53.2	..	10.9	10.6	..	41	58	..	4.2	3	12	5	3	1	1	1	3			
December	977.4	976.7	-1.4	62.4	51.6	-0.2	50.9	45.6	..	7.6	7.2	..	40	56	..	4.7	3	7	0	3	1	1	2	0	14		
Year	968.7	967.7	-1.0	80.2	70.9	-0.6	63.9	60.3	..	14.5	14.3	..	59	52	..	3.6	6	117	43	34	16	9	11	36	83		
<b>KARACHI (MARINE AIRPORT) (17 feet).</b>																											
January	1,016.0	1,015.0	..	68.5	..	..	55.9	53.6	..	10.0	10.1	..	41	52	..	1.7	2	7	5	5	1	3	4	4	0		
February	1,013.8	1,012.3	..	76.7	..	..	64.8	62.9	..	15.9	16.2	..	51	68	..	1.5	1	2	0	3	6	5	6	2	0		
March	1,013.3	1,011.8	..	80.0	..	..	70.0	68.0	..	21.1	21.5	..	59	75	..	0.7	1	1	0	2	4	12	9	2	0		
April	1,009.0	1,007.8	..	88.5	..	..	73.1	71.6	..	23.6	24.5	..	60	76	..	1.6	1	0	0	0	4	12	0	1	0		
May	1,004.6	1,003.2	..	87.7	..	..	79.1	78.2	..	30.2	30.7	..	67	81	..	0.5	0	0	0	0	0	0	18	14	1	0	
June	999.3	998.6	..	88.9	..	..	81.6	80.5	..	33.3	33.4	..	72	82	..	4.1	0	0	0	0	0	0	17	13	0	0	
July	998.7	998.1	..	85.8	..	..	80.7	79.6	..	33.5	33.1	..	80	87	..	7.6	0	0	0	0	0	0	14	17	0	0	
August	999.9	999.1	..	85.9	..	..	80.1	78.8	..	32.5	31.7	..	77	84	..	7.5	0	0	0	0	0	0	17	14	0	0	
September	1,004.7	1,003.8	..	84.0	..	..	79.1	77.6	..	31.8	31.4	..	80	89	..	6.5	0	0	0	0	0	0	16	14	0	0	
October	1,011.7	1,011.0	..	85.3	..	..	75.3	74.	..	25.6	26.9	..	63	80	..	0.4	1	2	0	1	0	14	12	1	0		
November	1,014.6	1,013.6	..	83.3	..	..	73.3	70.1	..	23.5	23.5	..	61	79	..	0.8	1	2	1	0	5	12	7	2	0		
December	1,017.4	1,016.2	..	75.7	..	..	65.5	60.8	..	17.1	15.9	..	66	68	..	0.7	1	10	6	4	3	2	1	0			
Year	1,008.6	1,007.5	..	82.1	..	..	73.2	71.3	..	24.8	24.9	..	64	77	..	2.7	8	24	12	15	24	147	121	14	0		

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 16 First Class Stations in India during each month and the year 1945—contd.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure of Station level, millibars,				Temperature of air °F.				Wet bulb temperature °F.				Vapour pressure, millibars.				Relative humidity %				Cloud amount.				Wind direction at 12-30 hrs. (I. S. T.) Number of winds from.							
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	C.I.M.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26						
<b>JODHPUR (796).</b>																																
January	989.3	988.5	..	66.0	67.5	..	51.6	47.0	..	6.7	6.6	..	33	47	..	3.6	1	11	7	4	2	2	1	2	1	1	1					
February	987.4	986.0	..	75.5	64.4	..	53.8	49.9	..	4.5	5.2	..	15	31	..	1.0	1	7	3	2	2	3	6	3	1	1						
March	986.8	986.7	..	82.1	72.6	..	59.9	56.7	..	8.4	9.3	..	12	24	..	0.9	1	3	2	3	1	5	8	5	3	3						
April	985.3	985.8	..	92.3	84.7	..	68.8	68.6	..	9.8	10.0	..	19	38	..	1.2	3	2	2	1	11	8	1	0	0							
May	987.3	977.5	..	98.0	90.6	..	74.5	71.5	..	18.3	18.0	..	29	32	..	1.1	0	0	0	1	1	13	12	3	1	1						
June	974.2	978.4	..	98.1	90.7	..	76.0	76.3	..	20.2	20.7	..	35	44	..	2.4	1	1	0	0	0	1	13	10	3	1						
July	974.4	978.4	..	87.8	82.8	..	78.9	77.7	..	20.9	30.1	..	67	76	..	8.0	1	0	1	1	1	12	9	2	4							
August	975.7	971.0	..	87.9	82.0	..	77.7	79.7	..	28.2	28.3	..	63	74	..	7.2	0	1	0	1	1	14	11	1	2							
September	979.2	978.3	..	87.8	82.4	..	78.1	78.5	..	24.0	24.7	..	55	62	..	4.6	0	1	2	0	0	0	11	13	1	2						
October	986.2	988.5	..	99.8	80.0	..	68.2	66.6	..	13.4	13.8	..	27	46	..	0.8	4	5	1	1	0	6	8	2	4							
November	989.2	988.6	..	88.6	70.9	..	60.9	54.7	..	7.5	7.8	..	18	33	..	0.2	0	1	3	1	0	4	3	2	16							
December	991.0	998.2	..	78.2	61.2	..	59.6	47.4	..	8.4	9.8	..	21	31	..	0.9	0	7	9	8	0	1	2	0	4							
Year	982.9	981.7	..	86.1	77.1	..	66.8	68.1	..	16.1	14.7	..	33	46	..	2.7	12	39	30	24	10	96	91	25	30							
<b>JAIPUR (1,481).</b>																																
January	965.2	964.6	-1.8	68.4	63.9	-8.1	50.1	49.9	..	6.7	6.9	..	34	52	..	3.2	3	4	8	3	1	4	3	3	2							
February	963.2	968.1	-2.8	78.7	61.6	-1.9	52.5	47.9	..	41	47	..	15	31	..	1.2	4	0	0	1	1	6	5	11	0							
March	961.9	962.5	+0.6	67.1	78.3	+1.9	60.6	56.1	..	6.3	6.0	..	15	27	..	0.6	2	2	0	5	2	6	6	7	1							
April	960.1	958.9	+0.6	91.6	82.2	-2.6	66.2	61.8	..	9.3	10.0	..	19	29	..	3.2	0	1	2	4	1	6	4	9	3							
May	955.6	954.6	-0.3	100.2	89.8	-0.8	69.5	66.2	..	10.5	11.8	..	17	51	..	1.1	1	0	0	1	2	7	7	12	1							
June	951.0	950.7	-0.4	98.6	91.4	+0.8	76.0	73.6	..	20.5	20.6	..	36	47	..	3.0	3	0	1	1	0	4	14	7	0							
July	951.4	950.7	+0.2	87.6	82.5	-1.8	70.8	72.5	..	30.5	30.2	..	69	81	..	8.6	7	8	3	1	0	3	5	4	0							
August	952.8	951.8	-0.9	86.8	81.8	-0.7	77.9	76.8	..	28.6	29.0	..	67	79	..	7.2	4	2	2	1	0	3	7	9	8							
September	956.2	955.8	-1.6	88.0	79.6	-2.1	75.2	72.8	..	25.1	25.5	..	60	77	..	5.8	3	3	2	1	0	2	8	11	0							
October	963.6	962.9	+0.7	87.2	78.7	-1.6	67.0	63.0	..	13.5	14.7	..	31	49	..	0.2	1	2	3	3	0	6	3	13	0							
November	965.9	965.2	-0.4	81.9	80.9	-1.7	60.0	54.4	..	7.8	8.9	..	21	44	..	0.1	3	0	0	1	2	7	4	10	3							
December	967.6	969.7	-0.6	79.3	60.8	-3.8	52.8	49.7	..	5.8	6.0	..	23	46	..	0.8	4	1	2	5	3	6	3	6	1							
Year	959.7	958.8	-0.5	84.6	74.6	-1.0	66.8	61.8	..	14.4	14.5	..	34	51	..	2.9	35	23	23	27	12	60	69	102	14							
<b>RANORI (115).</b>																																
January	1,010.0	1,009.2	..	76.9	72.2	..	68.8	68.8	..	13.7	12.8	..	45	62	..	1.1	1	8	4	5	2	4	3	2	2							
February	1,008.8	1,007.7	..	84.6	69.8	..	65.0	58.5	..	12.5	11.8	..	31	48	..	0	4	7	2	3	0	0	5	6	1							
March	1,008.9	1,007.6	..	94.3	89.0	..	73.8	67.6	..	19.5	17.3	..	36	47	..	0.6	5	4	5	2	2	6	4	1								
April	1,005.3	1,004.1	..	95.9	89.9	..	72.6	69.7	..	16.9	17.1	..	30	42	..	0.9	1	3	0	2	1	5	10	4								
May	1,002.6	1,001.6	..	98.8	90.1	..	76.1	78.2	..	31.1	25.9	..	34	49	..	0.5	2	0	0	0	0	1	12	13	3							
June	998.0	997.2	..	95.9	89.7	..	79.8	76.4	..	27.4	30.0	..	49	62	..	4.4	1	0	0	1	4	12	11	1								
July	998.1	998.9	..	84.4	81.2	..	79.6	80.5	..	38.7	32.4	..	80	88	..	9.0	0	0	0	0	4	12	12	2								
August	999.1	998.2	..	86.4	82.7	..	79.5	78.6	..	30.1	30.7	..	73	85	..	8.0	2	0	0	0	3	10	12	1								
September	1,002.5	1,001.6	..	88.7	82.6	..	78.0	76.6	..	28.8	29.1	..	67	81	..	6.1	0	0	0	0	1	9	12	6								
October	1,007.8	1,007.2	..	90.4	80.8	..	74.5	72.0	..	22.4	23.6	..	47	68	..	2.2	2	8	3	1	0	2	1	3								
November	1,010.1	1,009.3	..	87.6	72.2	..	66.7	63.1	..	13.8	14.7	..	28	56	..	0.6	2	10	8	2	0	0	0	1								
December	1,011.4	1,010.0	..	80.6	66.2	..	61.4	58.4	..	10.0	10.7	..	28	52	..	0.3	4	7	5	3	1	0	2	1								
Year	1,006.2	1,006.8	..	88.6	80.3	..	72.5	68.0	..	21.6	23.3	..	46	62	..	2.6	24	47	27	19	19	68	87	31								

\*Mean of 20 days.

**Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 16 First Class Stations in India during each month and the year 1945—contd.**

Station, height of bar. cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %		Cloud amount.		Wind direction at 12-30 hrs. (I. S. T.) Number of winds from									
	Mean 12-30 hrs. (I. S. T.).	Mean daily mean.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean daily mean.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean daily mean.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean daily mean.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean daily mean.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	NW	Calm	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
<b>BOMBAY (87).</b>																										
January . . . . .	1,011.9	1,011.3	-1.0	75.9	72.5	-1.4	67.0	67.3	+0.6	18.7	19.7	+0.6	61	73	+5	0.6	4	8	1	3	3	3	3	11	0	
February . . . . .	1,010.8	1,009.3	-2.2	80.4	75.5	+1.1	68.3	67.0	-0.2	18.3	19.1	-0.6	52	64	-4	0.8	8	2	1	2	0	0	1	14	0	
March . . . . .	1,011.0	1,010.0	+0.4	85.2	80.2	+2.0	73.3	71.8	-0.1	23.1	22.7	-0.9	56	66	-7	0	6	0	1	0	0	5	5	14	0	
April . . . . .	1,009.0	1,007.9	+0.4	85.8	81.7	0	76.2	74.7	-0.8	26.5	26.3	-0.8	68	72	-2	0.3	4	0	0	0	0	0	2	10	14	0
May . . . . .	1,007.8	1,006.8	+0.6	87.0	84.2	-0.1	79.2	77.8	0	30.1	28.8	-0.5	66	73	-1	1.1	1	0	0	0	0	0	10	8	12	0
June . . . . .	1,008.5	1,001.9	-0.8	86.5	83.3	+0.8	80.2	78.9	+0.5	32.6	31.6	+0.8	79	82	+1	5.2	1	0	0	0	0	3	14	6	5	1
July . . . . .	1,008.4	1,002.3	-0.4	82.5	81.3	+0.4	79.2	78.8	+0.9	32.6	31.5	+1.3	86	87	+2	7.6	1	0	0	0	0	0	2	13	15	0
August . . . . .	1,004.3	1,003.4	-1.2	82.6	80.7	+0.6	78.9	77.5	+1.0	32.1	30.5	+1.8	84	86	+2	7.8	0	0	0	0	0	0	8	17	9	0
September . . . . .	1,007.4	1,006.0	-0.6	82.6	80.7	+0.7	77.8	76.6	+0.4	30.3	29.3	+0.4	70	83	0	5.4	2	1	1	0	1	3	9	13	0	
October . . . . .	1,009.9	1,009.2	+0.7	84.0	81.2	+0.2	76.7	75.6	-0.2	27.8	27.6	-0.5	67	77	-1	1.9	6	0	1	2	0	2	5	15	0	
November . . . . .	1,011.0	1,009.7	-1.0	85.5	79.4	+0.4	72.3	70.9	-1.1	21.2	21.2	-2.2	51	63	-7	1.6	1	6	12	3	0	1	1	4	2	
December . . . . .	1,012.6	1,011.8	-0.3	79.7	74.8	-0.9	67.7	66.4	-2.1	17.5	18.4	-1.9	50	63	-5	0.6	5	5	8	1	1	0	2	8	1	
Year . . . . .	1,008.6	1,007.6	-0.4	83.2	79.6	+0.3	74.7	73.6	-0.1	25.9	25.6	-0.2	66	74	-1	2.7	30	17	26	11	8	47	80	134	4	
<b>POONA (1,634).</b>																										
January . . . . .	949.7	949.6	-1.2	78.9	68.8	-1.0	63.2	66.2	..	11.9	12.7	..	38	61	..	1.6	0	8	6	5	1	2	7	2	5	
February . . . . .	949.1	948.3	-1.3	86.8	72.2	-1.2	61.1	57.5	..	8.8	10.0	..	21	46	..	0.6	0	1	12	2	0	1	9	2	7	
March . . . . .	949.9	949.1	+1.2	93.5	79.8	0	64.5	61.9	..	8.4	11.5	..	17	41	..	0.1	1	2	14	2	0	5	2	3	8	
April . . . . .	947.1	946.6	+0.6	93.9	81.0	-2.9	66.7	65.3	..	11.3	14.5	..	22	46	..	0.6	3	5	7	1	0	3	7	4	0	
May . . . . .	945.8	945.2	+0.4	95.0	78.7	-5.2	70.2	64.0	..	14.5	18.1	..	27	52	..	1.0	3	0	0	0	0	0	0	17	8	8
June . . . . .	942.9	942.5	+0.2	85.7	79.7	+0.6	74.0	72.3	..	23.3	24.1	..	50	72	..	7.4	0	0	3	0	0	0	4	21	0	2
July . . . . .	942.7	942.0	+0.1	70.1	75.0	-0.4	73.2	71.4	..	25.2	24.7	..	76	84	..	9.2	0	0	0	0	0	0	1	27	1	1
August . . . . .	943.3	942.7	-0.7	80.3	74.9	+0.7	72.8	71.0	..	24.2	23.8	..	70	82	..	8.6	0	0	0	0	0	0	0	28	2	4
September . . . . .	946.0	945.5	-0.1	81.0	74.2	-0.5	71.7	69.5	..	22.3	22.6	..	68	78	..	7.7	1	0	0	0	0	3	20	3	8	
October . . . . .	948.8	948.7	+0.8	85.9	76.9	+0.6	69.8	67.9	..	17.9	19.6	..	44	67	..	4.6	1	5	14	2	0	1	0	0	8	
November . . . . .	950.5	950.1	+0.4	82.4	71.5	-0.6	62.0	60.0	..	11.3	12.1	..	31	52	..	3.1	0	1	24	3	0	0	0	0	2	
December . . . . .	951.2	948.7	-2.5	79.6	67.2	-1.2	59.5	54.8	..	9.3	9.8	..	27	52	..	1.1	0	3	13	5	1	2	3	0	4	
Year . . . . .	947.3	946.6	-0.2	85.1	75.0	-0.9	67.4	64.5	..	14.4	17.0	..	41	61	..	3.8	9	20	93	20	2	22	135	26	38	
<b>HYDERABAD (Begumpet.)</b>																										
(1,778).																										
January . . . . .	951.5	951.2	..	81.8	71.4	..	67.3	62.7	..	16.9	16.4	..	48	66	..	2.3	1	2	7	12	0	5	0	2	2	
February . . . . .	950.1	949.4	..	87.3	75.8	..	70.3	66.3	..	18.2	15.2	..	42	56	..	1.1	0	2	8	7	3	2	4	0		
March . . . . .	951.2	950.4	..	94.9	82.6	..	74.3	60.8	..	20.8	19.0	..	37	48	..	0.1	2	3	6	7	6	2	1	2	8	
April . . . . .	946.8	947.6	..	96.4	86.9	..	72.2	66.7	..	17.0	18.6	..	31	46	..	2.7	3	1	7	5	6	4	0	2	8	
May . . . . .	945.2	944.8	..	100.7	92.2	..	78.2	76.1	..	28.6	24.6	..	37	49	..	9.7	6	2	0	2	2	2	4	10	1	
June . . . . .	943.6	943.3	..	89.8	83.4	..	80.7	77.9	..	31.7	30.8	..	67	81	..	7.9	0	0	0	0	0	0	4	17	9	0
July . . . . .	943.7	942.3	..	82.1	77.8	..	75.7	73.7	..	27.6	27.1	..	74	84	..	9.8	0	0	0	0	0	0	0	27	3	1
August . . . . .	944.3	943.7	..	81.7	76.7	..	74.6	72.7	..	26.0	25.6	..	71	83	..	8.8	1	0	0	0	1	21	6	0	0	
September . . . . .	946.9	945.5	..	82.9	77.0	..	74.6	72.4	..	25.5	25.4	..	68	83	..	7.4	3	0	1	0	0	1	13	14	1	
October . . . . .	946.2	945.3	..	86.2	76.4	..	73.9	70.7	..	26.7	26.4	..	59	75	..	9.8	6	12	6	0	0	0	2	8	2	
November . . . . .	951.0	951.9	..	81.0	70.8	..	66.6	62.1	..	15.3	16.0	..	43	66	..	3.0	6	12	11	6	0	0	0	0	2	
December . . . . .	956.7	952.7	..	79.2	67.3	..	62.8	57.8	..	12.5	12.8	..	38	56	..	2.1	4	7	7	9	1	0	0	0	0	
Year . . . . .	948.1	947.6	..	86.8	78.1	..	72.5	69.2	..	21.4	21.2	..	51	66	..	4.4	28	41	53	47	10	22	27	7	2	

\* Corrected for Calcutta Standard and standard gravity.

**Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 16 First Class Stations in India during each month and the year 1945—contd.**

Station, height of bar. cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.			Wind direction at 12-30 hrs. (I. S. T.) Number of winds from								
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	N	NE	E	SE	S	SW	W	W	Calm		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
BANGALORE (8,021).																											
January	910.9	910.6	-1.0	77.2	69.3	+2.7	62.0	61.1	..	13.1	13.0	..	40	58	..	4.1	2	8	11	4	2	1	0	1	2		
February	909.5	908.9	-2.0	83.6	74.8	+3.6	62.1	61.8	..	10.7	12.4	..	27	46	..	3.6	1	6	13	2	0	3	0	2	1		
March	911.1	910.7	+1.0	87.3	77.5	+1.7	63.1	68.1	..	10.3	12.2	..	23	41	..	0.4	1	4	17	9	0	0	0	0	0		
April	909.0	908.5	+0.6	86.0	82.0	+2.0	68.5	67.9	..	16.6	17.4	..	38	55	..	4.3	4	5	1	1	2	5	2	10	0		
May	907.9	907.4	+0.7	86.7	79.2	+1.4	69.4	68.0	..	17.8	19.0	..	41	58	..	3.5	0	2	2	0	0	7	12	8	0		
June	906.4	906.2	+0.1	81.9	74.0	+1.5	69.3	68.4	..	19.5	19.5	..	52	67	..	8.3	0	0	0	0	0	0	5	20	4	1	
July	906.2	905.9	-0.3	78.4	72.6	+1.2	69.1	68.4	..	23.4	19.7	..	62	76	..	9.3	0	1	0	1	0	5	23	1	0		
August	906.6	906.4	-0.3	77.1	71.6	+0.4	60.0	63.2	..	21.1	20.8	..	65	77	..	9.2	0	0	0	0	0	0	2	21	8	0	
September	908.0	907.9	+0.1	77.6	72.0	+0.7	68.4	67.6	..	20.1	20.1	..	62	75	..	9.1	0	0	0	0	0	0	1	24	5	0	
October	908.6	909.2	+0.3	79.3	72.9	+1.6	67.5	66.8	..	17.3	18.5	..	53	68	..	6.9	6	3	6	2	0	2	3	5	4		
November	910.2	910.2	0	76.6	69.7	+0.8	64.0	63.8	..	16.6	16.8	..	53	67	..	6.3	1	12	16	0	0	0	0	1	0		
December	910.9	910.8	-0.6	77.0	68.7	+2.1	62.0	60.9	..	13.2	13.9	..	41	58	..	3.5	2	13	11	3	0	0	0	1	1		
Year	908.8	908.5	-0.2	80.8	73.8	+1.7	66.3	65.6	..	16.6	17.0	..	46	62	..	5.7	17	54	77	22	4	31	105	46	9		
TRIVANDRUM (211).																											
January	1,003.5	1,003.6	0	85.7	78.9	+2.2	74.0	72.0	+1.2	23.2	24.1	+1.8	55	74	0	3.9	1	1	0	1	7	16	3	2	0		
February	1,002.0	1,001.8	-1.3	87.6	80.8	+2.7	75.9	74.0	+2.3	25.2	26.2	+8.1	57	76	+4	4.2	0	1	0	0	3	10	9	5	0		
March	1,008.7	1,003.5	+1.1	88.8	81.8	+1.4	76.5	75.1	+0.5	26.0	27.1	+0.9	55	74	-1	3.9	0	1	0	1	6	16	5	2	0		
April	1,002.3	1,002.1	+1.3	88.7	82.5	+1.5	78.7	77.0	+0.9	28.8	29.0	+0.9	63	79	0	5.2	1	1	0	0	0	9	6	13	0		
May	1,001.6	1,001.4	+0.8	89.7	83.8	+3.5	78.8	77.9	+1.4	28.6	29.5	+0.8	60	77	-6	3.9	0	0	0	0	0	4	10	17	0		
June	1,001.4	1,001.2	+0.6	84.1	79.6	+2.0	77.6	76.0	+1.4	27.3	29.0	+1.6	74	85	-1	6.2	3	0	1	0	1	3	8	14	0		
July	1,001.8	1,001.4	+0.4	82.3	78.0	+1.3	76.6	75.2	+1.3	28.6	28.8	+1.4	76	89	+2	7.4	4	0	0	0	0	9	5	19	0		
August	1,001.6	1,001.6	0	82.9	78.5	+1.8	76.9	75.3	+1.6	28.7	28.4	+1.9	75	88	+2	7.1	1	0	0	0	0	0	1	11	18	0	
September	1,002.6	1,002.7	+0.7	85.8	79.6	+2.5	76.6	75.1	+1.5	27.2	27.4	+1.0	66	82	-2	5.7	1	0	0	0	0	0	0	11	18	0	
October	1,002.7	1,003.2	+0.9	84.9	79.0	+2.1	76.5	74.4	+0.8	27.4	27.4	+0.8	67	83	-2	5.8	1	0	0	0	0	0	9	10	11	0	
November	1,002.5	1,002.7	0	88.9	79.1	+2.1	76.9	74.9	+1.4	28.4	27.9	+1.6	72	87	+3	6.2	2	0	2	5	7	8	3	2	1		
December	1,003.7	1,003.6	+0.3	84.7	79.3	+2.0	75.1	73.2	+1.6	25.3	26.4	+1.7	63	80	+2	4.8	1	0	0	2	1	16	5	4	2		
Year	1,002.4	1,002.4	+0.4	85.7	80.0	+2.1	76.7	75.0	+1.3	27.3	27.5	+1.4	65	81	0	5.4	15	4	3	9	25	95	86	125	3		
MADRAS (51).																											
January	1,010.9	1,010.5	-2.0	81.0	75.1	-0.3	71.5	70.6	..	21.7	22.2	..	58	74	..	3.2	0	13	14	3	0	1	0	0	0		
February	1,008.8	1,008.2	-4.2	85.4	78.5	+2.1	73.3	72.9	..	22.6	23.9	..	54	72	..	3.9	0	5	11	4	4	2	2	0	0		
March	1,010.1	1,009.8	-0.7	89.8	81.1	+2.1	75.8	75.5	..	24.2	25.8	..	51	70	..	0.8	0	2	5	15	6	2	1	0	0		
April	1,007.0	1,006.5	-1.1	89.3	83.4	-0.2	78.5	78.2	..	28.6	29.0	..	61	77	..	4.7	1	3	8	6	6	3	1	2	0		
May	1,003.3	1,008.2	-1.3	99.2	90.4	+2.2	78.5	78.9	..	23.9	27.8	..	38	62	..	4.0	0	0	2	4	4	6	12	2	1		
June	1,001.9	1,001.8	-1.5	97.3	90.6	+2.8	76.7	76.5	..	22.0	24.0	..	37	54	..	6.3	0	0	0	2	1	4	18	5	0		
July	1,002.6	1,002.5	-1.5	92.3	85.8	+0.6	77.5	77.0	..	25.5	27.1	..	50	68	..	8.7	0	0	1	1	1	2	19	7	0		
August	1,003.0	1,002.9	-2.0	91.4	85.2	+1.2	76.6	76.4	..	24.5	26.8	..	49	65	..	7.7	1	0	0	0	0	0	2	18	10	0	
September	1,004.6	1,004.7	-1.2	89.2	83.2	-0.2	76.9	76.8	..	25.9	27.7	..	56	72	..	7.6	2	0	0	0	0	0	2	14	12	0	
October	1,007.1	1,007.3	-1.0	87.1	81.0	+0.4	77.2	76.5	..	27.5	27.7	..	63	77	..	6.3	4	4	8	2	2	4	4	2	1		
November	1,009.8	1,009.9	-1.1	80.7	76.3	-1.5	72.0	72.4	..	24.5	24.5	..	69	80	..	7.6	12	14	2	0	0	1	0	1	0		
December	1,011.0	1,010.8	-2.0	80.1	74.3	-1.3	70.6	69.4	..	21.2	21.2	..	61	74	..	6.5	12	11	3	2	0	0	0	3	0		
Year	1,006.7	1,006.5	-1.7	88.6	82.1	+0.7	75.5	75.1	..	24.3	25.6	..	54	70	..	5.7	32	52	54	30	24	29	89	44	2		
KODAIKANAL (7,688).																											
January	771.2	771.0	-0.1	58.9	58.3	+0.8	50.8	46.4	+0.2	9.5	8.2	-0.2	56	61	-1	3.8	9	3	3	5	2	0	2	5	2		
February	771.2	770.6	-0.8	62.7	55.7	+2.0	52.4	48.3	+1.3	9.7	8.8	+0.3	52	61	+1	5.7	10	6	3	4	0	0	1	2	2		
March	773.3	773.2	+1.7	64.7	57.3	+1.0	54.1	49.4	+0.8	10.5	9.1	+0.3	52	60	+5	3.3	10	15	2	1	1	0					

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 12 Stations during each month and the year 1945.

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature ( $^{\circ}\text{F}$ above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below this Minimum in shade.	Departure from Normal.
		No. or trace.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
CALCUTTA— Lat. $22^{\circ} 32' \text{N.}$ Long. $88^{\circ} 20' \text{E.}$	January . . .	1	0	1	2	27	287.2	85	10.2	24, 28	0	6	45.9	+0.3	42.3	9	5.3	-0.8
	February . . .	0	0	0	7	21	263.0	83	10.7	28	6.8	12	54.0	+0.5	43.0	5	4.0	-0.9
	March . . .	0	0	0	6	25	297.3	80	10.7	9	7.2	13	66.2	+2.8	50.7	9	5.0	-0.2
	April . . .	0	0	3	11	16	269.3	71	11.6	30	5.5	15	72.0	+0.6	65.0	17	2.7	-1.8
	May . . .	0	0	4	7	20	274.6	67	11.5	2	3.4	28	75.3	+0.6	69.1	15	3.0	+0.8
	June (*) . . .	1	7	7	9	3	130.7	34	12.0	8	0	29	78.1	+1.4	74.7	17	2.6	+0.9
	July (†) . . .	2	7	8	9	3	147.6	35	10.0	16	0	31	78.2	+1.3	76.1	2	1.9	+0.4
	August . . .	3	7	7	11	3	146.2	37	10.5	22	0	16, 17, 18	77.8	+1.8	75.0	11	2.2	+0.6
	September (‡) . . .	0	8	12	4	3	120.0	33	10.3	4	0.3	8	77.2	+1.6	75.0	28	2.1	-0.2
	October . . .	3	5	6	4	13	195.5	54	10.8	28	0	18, 19, 20	71.5	+1.8	68.8	29	2.8	-0.9
	November . . .	0	0	0	4	26	287.0	87	10.5	1	7.0	4	59.5	+1.1	63.0	21, 23	4.6	-0.6
	December . . .	1	0	1	6	23	278.9	84	9.9	6 days	0	15	49.8	+1.2	41.3	26	5.3	-0.9
	Year . . .	12	33	48	81	183	2,706.3	63	12.0	VI	0	6 months	67.4	+1.2	41.3	XII	8.5	-0.8
NEW DELHI— Lat. $28^{\circ} 35' \text{N.}$ Long. $77^{\circ} 12' \text{E.}$	January . . .	2	4	4	6	15	226.3	69	10.3	15	0	3, 4	36.7	..	23.5	12	6.2	..
	February . . .	0	3	1	2	22	258.7	82	10.9	21	0.6	6	37.3	..	29.3	16	8.6	..
	March . . .	0	0	1	10	20	275.5	74	10.0	7, 8, 12	4.2	10	48.9	..	80.3	5	8.9	..
	April . . .	0	1	4	9	16	261.8	67	11.8	19, 27	1.7	18	59.1	..	49.0	5	8.4	..
	May . . .	1	1	3	6	20	276.9	66	11.9	21	0	30	64.3	..	62.2	25	14.1	..
	June . . .	0	2	8	7	18	256.0	61	12.2	11	3.6	17	(f) 76.5	..	61.2	18	6.9	..
	July . . .	0	8	5	6	12	213.5	50	11.9	24	0.4	19	(p) 77.7	..	70.7	2	3.0	..
	August . . .	2	6	5	7	11	199.1	49	12.1	21	0	16, 23	..	..	..	..	..	..
	September . . .	3	5	1	7	14	185.3	50	9.8	26, 29, 30	0	9, 10, 11	..	..	..	..	..	..
	October . . .	0	1	0	4	26	297.5	84	11.1	21	2.4	1	..	..	..	..	..	..
	November . . .	0	0	0	0	30	299.4	93	10.4	1, 2	9.6	11	..	..	..	..	..	..
	December . . .	0	0	1	5	25	283.6	89	9.9	12	3.8	8	(n) 36.3	..	32.4	14	5.5	..
	Year . . .	8	31	28	69	229	3,033.6	69	12.2	VI	0	4 months	..	..	..	..	..	..
LAKHORE— Lat. $31^{\circ} 35' \text{N.}$ Long. $74^{\circ} 20' \text{E.}$	January . . .	3	4	6	10	8	185.2	59	10.0	1	0	2, 4, 8	..	..	..	..	..	..
	February . . .	1	2	3	2	20	234.5	76	11.2	17	0	26	..	..	..	..	..	..
	March . . .	0	2	1	6	22	274.0	74	10.6	19	1.7	31	..	..	..	..	..	..
	April . . .	0	2	5	5	18	263.4	68	11.8	11, 19	1.1	6	..	..	..	..	..	..
	May . . .	0	0	1	5	25	328.9	77	12.5	12, 19	4.4	31	..	..	..	..	..	..
	June . . .	0	0	3	4	23	304.3	71	12.7	4	3.8	18	..	..	..	..	..	..
	July . . .	0	5	8	6	12	225.6	62	12.5	16	0.7	7	..	..	..	..	..	..
	August . . .	1	0	3	5	21	286.0	69	12.2	16	0	21	..	..	..	..	..	..
	September . . .	3	2	0	4	21	244.5	66	10.8	16	0	12, 13, 14	..	..	..	..	..	..
	October . . .	0	0	0	4	27	299.8	85	10.5	5	7.0	26	..	..	..	..	..	..
	November . . .	0	1	0	8	21	265.2	84	10.0	1	0.8	16	..	..	..	..	..	..
	December . . .	0	3	3	13	12	238.0	76	9.4	1, 24	0.1	7	..	..	..	..	..	..
	Year . . .	8	21	33	7	230	8,150.3	72	12.7	VI	0	4 months	..	..	..	..	..	..

(\*) Data of bright sunshine available for 27 days. (†) Data of bright sunshine available for 29 days. (‡) Data of bright sunshine available for 28 days.

(f) Mean of 25 days. (n) Mean of 17 days. (p) Mean of 15 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 12 Stations during each month and the year 1945.

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature ( $\frac{1}{2}$ above ground).							
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below Minimum in $^{\circ}\text{C}$ .	Departure from Normal.	
		No. or trace.	0-1 to 3 hours.	3-6 hours.	6-1 to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
GOVINDPURA— Lat. $38^{\circ} 05' \text{N}$ . Long. $74^{\circ} 50' \text{E}$ .	January	13	12	2	4	0	49.6	16	8.04	27	0	3	25.1	..	11.6	12	3.2	..	
	February	3	4	6	8	7	167.7	55	10.10	23	0.4	6	20.2	..	13.3	24	7.6	..	
	March	3	11	6	7	4	142.7	38	9.14	21	0.2	14	32.8	..	20.4	8	5.7	..	
	April	2	3	5	10	10	206.5	54	12.25	27	0.1	24	38.9	..	28.3	8	7.1	..	
	May	2	1	8	15	10	250.3	58	12.62	23, 24	2.3	6	48.1	..	37.2	9	6.9	..	
	June	0	2	6	4	20	288.1	67	13.02	10	0.1	28	48.7	..	39.4	1	8.6	..	
	July	0	1	8	3	19	275.0	68	13.06	15	1.5	18	61.1	..	53.2	2	5.4	..	
	August	0	3	7	5	16	256.3	62	12.20	10	0.5	18	57.3	..	48.3	30	5.8	..	
	September	0	2	4	6	18	249.3	67	10.86	6	0.1	27	51.0	..	38.3	29	6.2	..	
	October	1	2	1	6	21	263.3	75	10.61	1	1.3	28	34.3	..	24.7	31	7.7	..	
	November	1	2	6	15	8	218.1	70	10.04	2	2.1	28	28.9	..	18.5	26	7.6	..	
	December	2	6	7	16	0	168.4	68	8.46	1	0.1	4, 25	18.9	..	9.6	16	7.7	..	
	Year	27	60	57	99	183	2,580.2	57	18.1	VII	0	I	37.6	..	9.6	XIII	6.6	..	
PERIAKAWAB— Lat. $34^{\circ} 01' \text{N}$ . Long. $71^{\circ} 56' \text{E}$ .	January (†)	7	4	8	14	2	155.8	49	9.5	27	0	7 days	31.8	..	22.0	21	7.5	..	
	February	1	2	2	6	17	228.1	74	10.4	19	0	16	30.3	..	21.6	14	9.6	..	
	March (†)	1	4	6	8	6	191.3	52	10.7	11	0	9	41.5	..	27.9	5	9.4	..	
	April (§)	2	4	4	5	18	214.7	55	12.1	28	0	5, 14	..	..	..	..	..	..	
	May	0	1	2	11	17	200.9	67	12.7	24	2.3	20	..	..	..	..	..	..	
	June	0	0	1	4	25	238.2	78	13.1	10	2.3	28	..	..	..	..	..	..	
	July	0	0	7	7	17	277.8	68	12.5	8	3.2	21	73.2	..	67.8	9	7.7	..	
	August	0	0	2	9	20	294.4	71	12.1	8	3.2	27	73.4	..	66.0	28	4.1	..	
	September	1	0	3	22	4	236.7	63	9.1	14	0	3	(Q) 68.4	..	45.0	26	12.0	..	
	October	0	0	1	10	20	273.5	78	10.0	15	4.5	25	50.6	..	41.8	29	11.2	..	
	November	0	2	5	14	0	226.2	72	9.6	1, 13, 18	2.0	16	(K) 48.4	..	34.1	30	8.9	..	
	December	2	4	3	21	1	198.2	64	9.7	15	0	7, 18	29.3	..	20.0	30	10.2	..	
	Year	14	21	42	131	153	2,925.8	65	18.1	VI	0	6 months	..	..	..	..	..	..	
JODHPUR— Lat. $26^{\circ} 18' \text{N}$ . Long. $75^{\circ} 01' \text{E}$ .	January	0	2	8	5	21	284.7	61	11.2	22	0.4	4	(e) 42.7	..	31.0	9	3.6	..	
	February	0	1	0	3	24	281.3	72	12.2	27	1.8	6	35.5	..	25.0	5	13.6	..	
	March (¶)	0	1	0	5	19	237.1	55	11.0	7	2.7	31	55.2	..	40.0	4	6.2	..	
	April	0	1	3	4	22	278.0	64	11.6	30	2.5	20	65.4	..	45.0	2	4.9	..	
	May	0	0	2	2	27	330.6	76	12.3	16	5.0	7	74.2	..	67.0	3	3.9	..	
	June	0	2	1	1	25	307.3	71	12.6	11	1.5	20	73.7	..	68.4	1	9.2	..	
	July	1	2	11	10	7	199.3	68	12.2	22	0	18	(c) 75.9	..	71.8	16	2.3	..	
	August	0	4	3	8	11	225.2	62	12.0	9	1.0	18	77.7	..	70.4	6	6.7	..	
	September	0	1	1	15	13	235.3	60	10.3	22	2.8	24	(d) 79.2	..	66.8	20	4.5	..	
	October	0	0	0	1	20	310.1	71	10.7	21, 22	7.6	5	62.5	..	56.4	27	4.0	..	
	November	0	0	0	1	20	303.1	72	10.5	5	7.0	24	51.1	..	44.2	19	19.7	..	
	December	0	0	0	1	20	305.7	70	10.3	25	3.4	21	30.6	..	30.1	23	7.4	..	
	Year	1	14	29	56	258	3,297.7	64	12.6	VII	0	VII	60.3	..	25.0	11	5.2	..	

(\*) Observations of bright sunshine for 25 days.  
(†) Observations of bright sunshine for 30 days.

(A) — mean of 23 days.

(†) Observations of bright sunshine for 30 days.  
(B) Mean of 29 days.

(J) Mean of 31 days.

(C) Mean of 28 days.  
(K) Mean of 30 days.

(D) Mean of 26 days.  
(L) Mean of 28 days.

(I) Observations of bright sunshine for 33 days.  
(E) Mean of 26 days.  
(M) Mean of 14 days.

(F) Mean of 26 days.  
(N) Mean of 14 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 12 Stations during each month and the year 1945.

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature (1 ft above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year.				Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shades.	Departure from Normal.
		No. of days.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
JAIPUR— Lat. 26° 55' N. Long. 75° 50' E.	January	1	3	2	6	19	254.0	77	10.4	4 days	0	29	37.7	+1.2	26.0	18	6.2	-4.2
	February	0	1	0	1	26	284.4	90	11.2	21	2.5	6	37.4	-2.6	26.8	21	10.8	+0.4
	March	0	0	6	26	314.1	85	11.5	28	6.4	10	48.9	-0.2	28.6	7	11.6	+1.8	
	April	0	1	2	9	18	270.1	70	11.7	26	0.8	16	56.7	-0.5	47.1	2, 4	10.9	+1.1
	May	0	3	2	4	19	283.4	68	12.3	24	1.1	17	67.5	-1.3	62.1	3	9.6	+1.7
	June	1	2	4	4	19	266.9	65	12.1	11, 12	0	27	73.6	-2.3	66.8	11	6.5	+2.1
	July	2	7	10	7	5	184.4	39	11.0	23	0	13, 19	..	..	..	..	..	..
	August	5	6	10	4	6	156.1	39	11.7	8	0	5 days	73.9	+1.2	70.5	20	1.6	-1.6
	September	1	7	6	4	12	194.2	53	11.4	18	0	11	70.2	+2.7	60.3	30	3.1	-2.0
	October	0	0	0	1	30	327.4	95	11.2	5, 15	8.5	8	57.2	+2.2	45.0	31	6.6	-2.5
	November	0	0	0	0	30	310.1	96	10.6	7, 20, 25	9.7	27	44.1	+1.0	37.8	29	8.2	-2.4
	December	0	0	1	1	29	294.6	91	10.0	1, 3	5.8	2	34.5	-2.2	24.4	24	8.8	-1.9
	Year	10	30	37	50	238	3,130.3	71	12.3	V	0	5 months	..	..	24.4	XII	..	..
BOMRAY— Lat. 18° 54' N. Long. 72° 49' E.	January	0	0	0	6	25	204.3	81	10.1	17	7.6	5	64.7	..	54.0	11	..	..
	February	0	0	0	1	27	264.5	81	10.4	28	8.2	13	67.3	..	59.8	2	..	..
	March	0	0	0	8	23	287.8	77	10.5	2	7.9	4	72.5	..	63.3	6	..	..
	April	0	0	0	2	28	294.8	78	10.6	22	8.2	1	76.2	..	73.0	3	..	..
	May (*)	1	0	0	2	27	295.8	73	11.2	29	9.0	1	80.0	..	77.6	8	..	..
	June	3	7	8	6	6	141.4	36	11.4	5	0.8	22	78.9	..	73.9	16	..	..
	July	9	9	9	3	1	85.0	21	9.9	20	0.8	18	76.6	..	71.6	7	..	..
	August	9	6	9	6	1	107.3	25	9.6	21	1.0	19	76.6	..	73.6	16	..	..
	September	7	1	7	14	1	156.9	43	9.5	30	1.7	6	76.2	..	73.0	4	..	..
	October	0	0	1	15	15	267.9	74	10.5	23	5.7	21	75.8	..	72.6	18	..	..
	November	0	0	1	6	23	282.6	84	10.4	7	4.1	16	72.0	..	67.8	30	..	..
	December	0	0	0	3	28	297.5	87	10.0	16	7.5	28	66.8	..	58.0	24	..	..
	Year	29	23	35	72	205	2,775.3	63	11.4	VI	0.8	VI, VII	73.6	..	54.0	I	..	..
POONA— Lat. 18° 32' N. Long. 73° 51' E.	January	0	0	2	2	27	296.0	86	10.6	30	8.5	5	67.5	..	54.6	7	4.8	..
	February	0	0	0	0	28	294.8	91	11.0	18	9.3	23	47.6	..	38.1	2	5.8	..
	March	0	0	0	2	29	318.2	85	11.2	3	7.8	31	58.2	..	38.6	5	6.9	..
	April	0	0	1	3	26	313.5	80	11.7	24	8.4	17	60.6	..	54.1	6	5.7	..
	May	0	1	0	3	27	328.9	81	12.2	27	2.8	7	66.6	..	58.3	5	5.4	..
	June	1	12	3	8	6	152.0	38	12.0	7	0	28	70.6	..	62.0	3	3.3	..
	July	3	19	6	3	0	69.1	17	7.8	9	0	4, 6, 10	69.3	..	63.0	27	2.6	..
	August	5	11	9	5	1	94.0	24	10.0	3	0	5 days	68.9	..	66.0	3, 19	2.6	..
	September	2	6	9	8	5	159.7	43	10.1	28	0	21, 22	65.6	..	62.0	15	3.8	..
	October	0	2	9	9	11	230.8	64	11.1	23	0.1	19	62.9	..	54.1	26, 27	4.1	..
	November	0	1	3	4	22	271.0	60	10.7	6, 22	2.4	13	50.4	..	41.6	28	4.9	..
	December	0	0	0	4	27	302.8	66	10.5	5, 10, 11	6.9	26	44.2	..	34.6	14	5.0	..
	Year	11	52	42	51	209	2,831.7	65	12.2	V	0	4 months	59.1	..	34.6	I, XII	4.2	..

(\* ) Observations of bright sunshine for 90 days.

**Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 12 Stations during each month and the year 1945.**

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature (14° above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year.				Mean Min.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.
		No.	0 to 3 hours.	3 to 6 hours.	6 to 9 hours.	Above 9 hours.			Hours.	Date.	Hours.	Date.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
BANGALORE— Lat. 12° 58' N. Long. 77° 35' E.	January . .	0	0	2	14	15	202.4	74	10.2	25	4.9	28	55.6	+0.8	46.4	28	8.6	+0.7
	February (†) . .	0	0	3	9	15	243.5	77	10.8	8	4.4	13	58.0	+2.3	46.4	8	4.4	+0.8
	March (*) . .	0	0	0	2	28	304.9	84	10.9	26	8.1	31	61.1	+0.9	55.5	26	4.9	+0.7
	April . .	0	2	3	4	21	265.8	71	11.6	18	1.7	1	68.1	+1.6	63.4	15	1.7	-1.0
	May . .	0	1	1	10	19	280.3	71	11.6	19	2.9	26	(f)	+1.7	66.0	24	1.0	-0.5
	June . .	0	6	5	12	7	196.3	51	11.4	5	0.5	27	66.5	+0.6	64.2	17, 28, 25	1.2	+0.3
	July . .	6	10	8	6	1	100.1	25	9.4	29	0	6 days	66.4	+1.3	64.3	29	0.8	0
	August . .	4	8	11	8	0	118.3	34	8.8	26	0	4 days	65.6	+0.8	62.6	15	0.6	-0.3
	September . .	0	10	10	10	0	120.2	35	8.9	11	0.1	1	64.9	+0.5	62.8	18	1.2	+0.2
	October . .	0	4	3	16	8	210.3	60	10.3	9, 31	0.1	17	64.0	+1.1	59.4	81	2.0	-0.1
	November . .	1	4	5	9	11	208.0	60	10.8	5	0	10	59.9	+0.8	52.3	25	2.0	-0.7
	December (‡) . .	0	0	1	9	16	229.1	78	10.1	10	6.0	7	55.7	+0.3	43.4	13	2.9	+0.1
	Year . .	11	45	52	100	141	2,557.7	58	11.6	IV	0	VII, VIII XI	63.0	+1.1	43.4	XII	2.2	0
MADRAS— Lat. 13° 04' N. Long. 80° 16' E.	January . .	..	..	..	..	..	..	..	..	..	..	..	63.9	-1.5	60.8	27	4.7	+2.1
	February . .	..	..	..	..	..	..	..	..	..	..	..	65.5	-0.5	56.0	8	5.9	+3.3
	March . .	..	..	..	..	..	..	..	..	..	..	..	69.0	-0.6	61.2	2	4.9	+2.6
	April . .	1	2	2	3	22	277.0	74	11.8	22	0	2	74.2	-1.7	69.0	15	3.8	+2.2
	May . .	0	0	1	3	27	320.1	81	11.6	1, 23	4.9	25	77.7	-2.0	72.6	12	4.2	+2.8
	June . .	0	3	2	9	16	255.7	66	12.3	12	0.5	21	78.5	-1.6	75.8	18	4.1	+3.1
	July . .	3	10	5	8	5	151.9	38	11.6	31	0	6, 10, 19	75.8	-1.9	71.8	17	3.3	+2.2
	August . .	3	5	8	5	10	191.6	40	11.8	26	0	20, 30, 31	75.5	-1.1	71.2	26	3.1	+2.1
	September . .	5	6	6	4	0	152.0	42	11.3	11	0	5 days	74.3	-1.6	70.7	29	2.6	+1.7
	October . .	2	0	3	9	17	252.3	60	11.4	20	0	17, 18	73.4	-0.3	70.1	20	2.0	+1.0
	November . .	2	7	2	8	11	198.5	57	11.1	5 days	0	10, 12	67.5	-3.0	58.5	29	3.7	+2.2
	December . .	1	8	4	3	15	200.5	50	11.3	26	0	.8	64.9	-2.4	57.1	11	3.6	+1.8
	Year . .	..	..	..	..	..	..	..	..	..	..	..	71.7	-1.5	56.0	II	3.5	+1.0
KODAIKANAL— Lat. 10° 14' N. Long. 77° 28' E.	January . .	1	1	4	17	8	231.7	65	10.1	1	0	29	34.0	-3.9	26.0	3	12.9	+5.6
	February . .	2	3	4	8	11	201.8	61	11.1	28	0	24, 25	40.4	+2.5	32.0	20	9.0	+1.6
	March . .	0	1	4	11	15	253.0	68	10.3	3	1.6	10	39.8	-1.1	33.6	25	10.2	+3.9
	April . .	0	1	8	14	7	217.5	59	11.5	28	2.3	27	44.8	-0.2	39.8	9	8.6	+3.8
	May . .	0	1	9	14	7	212.7	55	11.0	11	2.6	6	43.0	-4.6	33.8	11	12.3	+6.8
	June . .	0	6	10	6	8	177.6	47	11.6	17	0.6	10	47.2	-1.4	42.5	24	6.5	+2.7
	July . .	3	0	12	6	1	117.7	30	9.1	12	0	9, 10, 21	48.7	+0.2	44.8	18	4.2	+1.5
	August . .	1	8	12	7	3	154.1	40	10.2	18	0	4	48.4	+0.5	42.0	16	4.7	+1.5
	September . .	1	8	12	8	1	140.1	38	9.3	17	0	28	45.2	-2.2	37.0	24	7.8	+4.2
	October . .	0	13	8	5	6	141.1	38	10.0	21	0.2	31	46.7	+0.3	37.9	23	4.8	+1.1
	November . .	4	13	7	6	0	93.2	27	9.0	30	0	4 days	45.6	+0.9	38.1	23	5.1	+0.7
	December . .	3	4	8	8	8	181.9	51	9.9	4 days	0	5, 7, 16	37.9	-2.6	28.1	13	9.7	+2.9
	Year . .	15	68	98	110	74	2,122.4	48	11.5	IV	0	7 months	43.5	-0.9	27.0	1	7.9	+2.9

(\*) Observations of bright sunshine for 20 days.  
(e) Mean of 26 days.

† Observations of bright sunshine for 27 days.  
(f) Mean of 25 days.

(‡) Observations of bright sunshine for 27 days.  
(g) Mean of 21 days.

(h) Mean of 14 days.

**Table VIII.**—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1945.

\*The hours in this case refer to L.M.T.  
Figures in italics are means of data which are not available for a complete month.

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1945.

Month \ Hour I.S.T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
PESHAWAR (46 FEET).																											
January	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
MAY	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
JUNE	..	..	..	2.6	2.1	2.0	2.3	2.2	2.4	2.9	1.9	2.9	4.3	5.1	5.3	4.7	4.1	3.9	3.3	3.1	4.8	6.3	4.2	3.5	4.5	3.3	3.6
JULY	..	..	..	1.0	1.5	1.5	1.0	1.2	1.2	1.6	2.1	2.2	2.3	2.6	2.5	2.7	2.5	3.2	4.0	4.7	4.8	3.2	2.0	2.7	1.6	1.4	1.2
AUGUST	..	..	..	1.5	1.3	1.4	1.8	1.8	1.7	1.9	1.6	1.7	2.4	2.5	3.5	3.6	4.0	4.1	4.2	5.2	5.7	3.8	2.5	2.0	1.9	1.3	1.1
SEPTEMBER	..	..	..	1.2	1.2	1.1	1.2	1.3	1.0	1.1	1.4	1.8	2.1	2.5	2.6	2.8	2.5	3.2	3.6	3.9	3.3	3.1	2.7	2.0	1.4	1.4	1.2
OCTOBER	..	..	..	1.0	1.2	1.4	1.2	1.2	1.1	0.8	0.6	0.6	0.7	1.6	2.2	2.4	2.8	2.3	2.3	2.2	1.2	1.5	0.8	1.0	1.0	1.0	1.2
NOVEMBER	..	..	..	2.2	2.1	2.0	2.3	2.3	2.1	2.0	1.9	1.6	0.9	1.5	1.5	1.6	1.8	1.7	1.2	0.9	1.3	2.2	2.4	2.6	2.1	2.2	2.2
DECEMBER	..	..	..	2.5	2.6	2.6	2.5	2.6	2.6	2.5	2.2	2.7	2.8	2.1	2.1	1.8	2.4	2.0	1.4	1.5	1.8	2.3	2.2	2.1	2.5	2.4	2.4
YEAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BOMBAY (85 FEET).																											
January	..	..	..	4.0	3.9	3.9	4.0	4.7	5.3	5.1	5.1	4.2	4.7	5.1	4.9	6.5	8.3	8.9	9.5	9.0	9.5	9.0	7.9	6.9	5.9	5.2	4.5
February	..	..	..	5.4	5.3	5.3	5.5	5.8	5.4	5.5	5.2	5.5	5.2	6.1	7.7	8.9	9.7	10.6	11.4	12.2	12.2	11.4	10.9	9.2	6.8	5.6	5.3
MARCH	..	..	..	4.3	4.0	3.9	3.9	4.4	4.0	4.3	4.5	4.5	4.6	5.7	7.6	8.7	10.1	10.5	11.3	11.2	9.9	8.7	8.0	7.2	6.4	6.0	5.3
APRIL	..	..	..	4.9	4.4	3.8	3.8	3.4	3.8	3.8	4.2	4.0	5.1	6.2	7.9	9.6	10.8	11.8	12.1	11.6	10.6	9.1	7.7	6.2	5.0	4.9	
MAY	..	..	..	5.5	4.8	4.8	4.8	4.8	3.9	3.9	4.4	5.1	5.1	6.5	7.3	8.2	8.9	9.9	10.3	9.7	8.7	7.7	6.8	6.0	5.7	5.3	
JUNE	..	..	..	6.7	6.8	7.4	7.6	7.6	7.5	7.7	7.7	7.7	8.3	9.8	9.3	11.1	11.8	12.1	12.1	10.9	11.0	10.5	10.3	9.8	9.0	8.6	
JULY	..	..	..	12.8	12.2	12.1	11.7	12.6	12.5	11.9	11.9	11.7	11.9	12.7	12.8	12.5	12.7	12.6	12.3	12.6	12.2	11.5	11.3	11.8	11.9		
AUGUST	..	..	..	9.1	9.6	10.1	10.5	10.3	9.7	9.3	9.8	9.6	9.9	10.9	11.3	12.0	11.5	10.9	11.2	10.3	10.8	10.3	9.0	8.5	8.6	8.7	
SEPTEMBER	..	..	..	7.9	7.9	7.1	7.3	7.3	7.0	6.8	7.1	7.2	8.0	8.0	8.6	9.4	9.0	8.8	9.6	8.8	8.0	7.2	7.0	6.9	7.7	7.7	
OCTOBER	..	..	..	8.6	8.4	8.2	8.5	8.5	8.7	8.6	8.6	8.6	8.6	8.5	8.6	9.7	10.2	10.7	10.2	9.1	8.7	8.0	7.0	5.6	4.6	3.6	
NOVEMBER	..	..	..	8.7	8.8	8.2	8.9	7.4	8.1	8.5	8.4	7.9	8.9	5.3	4.3	4.8	6.8	8.5	9.3	9.6	8.7	7.2	5.8	4.8	3.9		
DECEMBER	..	..	..	4.4	4.6	4.7	5.3	5.7	6.2	6.4	6.4	6.9	6.5	5.7	4.7	5.3	6.7	8.3	9.3	10.1	10.5	10.7	10.7	8.3	6.1	4.9	4.7
YEAR	..	..	..	6.1	6.1	5.9	6.1	6.8	6.8	6.3	6.5	6.7	6.7	7.1	7.6	8.5	9.4	10.0	10.4	10.6	10.2	9.7	9.0	7.8	6.9	6.5	6.2
POONA (180 FEET).																											
January	..	..	..	3.8	4.8	3.9	4.6	3.8	4.7	4.0	3.8	3.1	2.7	3.9	5.8	6.1	6.8	7.6	8.0	8.3	9.9	9.2	8.6	6.5	4.8	5.2	4.1
February	..	..	..	4.0	4.2	4.3	4.7	4.7	4.5	4.1	4.0	3.2	1.6	2.6	4.8	5.6	6.5	6.7	7.3	7.8	8.1	7.9	7.0	5.7	4.0	3.8	
MARCH	..	..	..	4.8	4.9	4.9	4.2	3.7	3.5	4.3	3.9	1.0	1.8	4.1	5.3	6.0	6.7	6.8	6.6	7.3	8.5	8.5	9.4	7.7	6.5	5.1	4.3
APRIL	..	..	..	6.1	5.1	5.3	4.8	4.7	4.5	4.7	4.3	3.7	3.9	4.0	6.2	6.7	7.7	6.4	7.5	7.3	8.7	8.5	10.0	10.0	8.9		
MAY	..	..	..	8.1	7.2	7.4	7.2	6.6	6.0	5.4	5.5	7.0	8.3	8.7	9.8	10.5	11.0	11.3	12.5	14.1	14.9	16.6	15.4	13.5	10.9	10.0	
JUNE	..	..	..	6.9	6.9	6.4	5.7	5.9	5.9	5.9	7.8	9.6	9.2	10.7	12.2	13.8	13.4	13.7	13.2	13.2	12.9	11.8	10.7	9.6	7.3	7.1	
JULY	..	..	..	8.0	7.3	7.9	8.2	8.0	7.5	8.1	7.2	7.6	8.5	10.5	11.4	9.5	13.1	14.5	13.5	14.2	13.4	12.1	11.0	9.3	8.6	8.4	7.9
AUGUST	..	..	..	6.7	7.2	6.1	6.7	6.3	6.3	6.5	6.0	7.2	8.7	10.1	11.1	12.3	13.0	13.8	13.6	13.9	13.4	12.6	10.1	8.8	9.2	7.6	7.3
SEPTEMBER	..	..	..	6.7	6.9	6.0	6.2	5.5	6.0	5.1	6.0	6.5	8.0	10.9	11.4	11.9	13.4	13.6	14.6	13.9	14.1	12.1	9.4	7.7	6.9	7.0	6.9
OCTOBER	..	..	..	4.4	3.8	3.4	3.6	2.9	3.0	3.4	3.0	1.8	3.1	5.2	6.4	6.4	6.8	7.1	7.6	6.4	6.1	5.7	4.8	3.9	4.0	3.9	4.0
NOVEMBER	..	..	..	2.6	3.1	3.1	2.9	3.0	2.8	3.0	2.8	1.5	3.2	5.3	7.7	8.8	7.6	6.7	7.4	4.1	6.6	4.8	4.4	3.8	4.9	3.6	3.4
DECEMBER	..	..	..	8.8	8.8	8.2	8.9	8.4	8.0	2.6	2.4	1.4	0.9	8.7	6.2	6.2	6.5	6.6	5.7	5.1	5.6	5.0	4.1	3.4	3.6	3.4	3.4
YEAR	..	..	..	5.5	5.6	5.2	6.1	6.9	6.8	6.7	4.6	4.6	5.1	6.6	8.1	8.5	9.4	9.4	9.7	9.0	7.9	6.8	6.2	5.6			
HYDERABAD (BEGUMPET) (47 FEET).																											
JANUARY	..	..	..	2.3	2.6	2.6	2.4	2.4	2.2	2.3	2.3	3.2	5.0	5.7	6.1	6.2	6.1	6.0	5.5	4.9	4.7	2.9	3.5	2.7	2.3	2.3	2.3
FEBRUARY	..	..	..	1.9	1.0	1.4	1.6	1.6	1.5	1.6	1.1	1.7	2.8	5.6	5.9	5.5	5.5	5.5	5.5	5.5	4.9	4.4	3.3	3.0	2.2	1.7	1.4
MARCH	..	..	..	1.4	1.6	1.0	0.8	0.7	1.5	1.3	1.5	1.7	3.2	4.8	5.4	5.4	5.5	5.2	5.2	5.2	4.9	4.5	3.4	2.8	2.2	1.6	1.6
APRIL	..	..	..	3.1	2.7	2.8	3.1	3.6	3.2	2.2	2.9	4.6	4.8	4.9	4.7	4.9	5.3	5.5	5.8	5.0	4.3	4.3	3.0	2.4	2.4	2.7	
MAY	..	..	..	2.6	3.8	6.8	6.0	6.1	6.3	5.8	6.7	8.0	8.2	7.9	7.1	6.2	5.8	5.2	4.7	5.0	4.3	3.5	2.8	2.2	2.5	2.8	
JUNE	..	..	..	9.7	10.8	10.6	10.0	10.1	9.0	8.7	10.1	10.6	12.2	12.2	11.8	11.9	11.5	10.3	10.3	9.0	10.0	7.6	7.1	6.9	7.6	8.0	8.7
JULY	..	..	..	7.9	8.3	8.0	8.1	7.9	8.8	7.7	7.7</td																

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1945.

Hours I.S.T. onth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*BANGALORE (55 FEET).																								
January	8.4	7.5	7.0	6.4	6.1	5.6	5.6	5.2	7.6	9.0	9.0	8.6	7.6	7.9	7.4	7.4	6.8	5.4	4.8	6.5	8.7	9.2	9.5	8.5
February	7.4	6.3	5.2	4.6	4.2	4.3	4.6	5.4	6.7	8.1	9.0	9.3	9.2	9.3	8.4	8.4	8.4	7.3	6.4	7.1	9.4	9.8	8.7	9.0
March	5.9	5.4	5.1	4.5	3.1	2.4	3.6	4.9	7.3	8.5	9.5	10.0	10.3	10.7	10.2	9.6	9.4	8.2	7.2	7.6	8.8	9.0	7.7	6.7
April	7.6	7.5	7.7	7.0	6.5	6.0	6.6	7.4	7.5	7.7	7.7	7.2	7.0	7.2	8.0	7.7	8.2	7.7	6.0	6.2	6.9	7.2	7.0	7.7
May	9.4	10.1	9.2	9.1	8.7	8.2	8.9	9.5	9.5	9.4	9.5	8.5	8.0	8.0	8.2	7.6	8.0	8.0	6.0	6.5	6.4	8.1	8.1	9.7
June	9.0	10.1	9.5	9.2	9.1	9.2	10.3	12.5	14.5	15.2	15.9	15.7	15.9	15.4	15.6	14.9	15.1	15.0	12.0	11.2	10.5	10.0	9.6	9.6
July	7.5	6.5	6.4	5.7	6.2	5.3	6.8	8.9	10.7	11.1	13.2	12.7	12.5	11.9	11.9	10.8	9.9	9.2	7.3	7.3	6.9	6.1	7.0	
August	6.1	5.8	6.0	5.5	5.4	5.9	6.4	8.5	10.3	11.4	11.5	12.2	11.5	10.9	10.3	9.5	8.9	7.5	6.9	6.0	5.6	5.3	5.0	5.4
September	1.5	1.6	1.8	1.7	2.0	1.6	2.5	3.5	5.7	6.7	8.7	8.3	7.6	6.5	6.0	5.8	4.5	2.6	2.5	1.6	2.1	3.0	2.6	2.0
October	6.9	6.2	6.0	5.3	4.4	4.5	4.9	6.1	7.7	8.1	8.6	8.8	8.8	8.4	7.7	8.1	7.9	6.8	5.7	5.8	5.1	6.8	6.9	9.8
November	6.9	7.0	7.2	7.3	6.7	6.4	7.2	8.7	10.6	9.9	10.6	9.7	8.8	9.0	8.6	8.1	7.8	6.6	6.5	7.4	7.9	8.1	8.0	7.6
December	8.2	8.0	7.1	6.2	6.4	6.1	5.7	7.7	9.7	9.8	9.1	9.1	8.4	8.3	8.2	8.3	8.1	6.9	6.9	8.0	9.2	8.7	8.8	8.2
Year	7.1	6.8	6.5	6.0	5.7	5.5	6.1	7.4	9.0	9.6	10.2	10.0	9.6	9.5	9.2	8.9	8.7	7.6	6.7	6.7	7.8	7.5	7.4	7.2
MADRAS (117 FEET).																								
January	6.3	5.8	5.8	4.7	4.3	4.3	4.0	3.8	3.6	3.5	3.9	4.6	5.3	5.9	6.5	6.7	7.0	7.0	7.1	7.5	7.5	7.8	7.4	7.0
February	5.8	5.8	4.4	3.1	3.0	2.9	2.9	3.3	3.4	3.6	4.5	5.8	6.4	6.8	7.3	7.5	7.8	8.0	7.7	7.7	7.5	7.4	7.1	6.6
March	6.2	5.3	5.0	3.7	3.3	3.9	4.0	3.7	4.0	5.9	7.1	8.2	9.4	10.1	10.1	10.2	10.0	9.5	9.3	8.4	8.0	7.8	7.3	
April	7.4	6.8	5.6	4.8	4.8	3.9	4.2	3.8	4.6	6.1	5.5	7.4	8.7	9.3	9.4	9.3	9.1	8.3	7.9	8.1	8.2	7.9	7.1	
May	9.3	8.6	8.1	7.5	7.4	7.1	8.0	7.0	8.6	9.4	10.2	11.0	11.4	11.7	12.0	12.0	11.6	11.2	11.4	10.9	9.8	9.7	10.2	9.9
June	7.8	6.4	6.4	6.0	7.2	6.8	7.1	7.9	9.2	9.8	11.1	9.8	9.5	9.6	8.9	9.4	8.2	7.7	7.4	7.1	8.1	8.6	8.7	
July	5.8	5.7	5.8	5.0	4.2	4.1	4.0	4.4	5.9	7.3	9.5	9.5	10.0	9.8	9.6	9.6	8.7	7.8	8.3	7.3	6.9	6.8	6.7	
August	7.0	7.2	6.6	6.6	7.1	7.0	6.6	6.9	8.0	8.4	8.8	8.1	8.4	8.3	7.5	6.8	6.5	6.3	6.0	6.1	6.3	5.6	6.1	
September	5.6	5.7	5.7	5.9	7.0	6.3	5.9	6.9	7.4	8.5	7.8	8.0	8.0	7.4	7.7	6.6	6.3	5.5	4.0	4.5	4.5	4.7	5.2	6.8
October	6.8	5.0	5.3	3.8	3.8	3.2	3.5	3.8	3.4	4.5	5.3	5.7	6.6	7.2	7.6	7.5	7.0	7.6	7.1	7.0	6.8	6.7	5.8	
November	8.6	8.0	7.3	6.7	7.2	7.3	8.2	8.8	10.0	10.8	11.0	11.8	12.8	12.1	12.2	12.6	11.7	11.0	10.6	11.0	10.9	11.1	10.1	
December	7.4	7.5	7.1	6.7	7.0	7.3	6.5	7.0	8.3	9.6	9.9	11.5	11.7	12.5	12.0	12.7	12.1	11.6	11.2	11.7	10.9	10.5	9.7	9.5
Year	6.7	6.3	5.9	5.3	5.3	5.4	5.5	5.5	6.2	7.2	7.9	8.5	8.9	9.2	9.3	8.9	8.5	8.2	8.0	8.1	7.7	7.9	7.6	
VIZAGAPATAM (57 FEET).																								
January	0	0	0	0	0	0	0	0	0	4.0	5.0	4.6	4.4	4.6	4.6	4.7	4.5	4.0	4.0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	..	7.0	6.7	5.3	6.0	5.6	5.1	5.0	5.0	5.0	0	0	0	0	0
March	0.2	0	0	0	0	0	0	0	0	8.0	3.3	3.9	3.7	5.0	4.8	4.3	4.2	3.4	2.6	3.3	2.0	1.3	0.7	0.8
April	0	0	0	0	0	0	0	0	0	0	..	..	..	..	..	..	..	..	..	..	..	..	..	
May	6.3	4.8	5.7	6.9	7.6	7.5	7.8	8.7	10.2	9.9	11.0	10.8	11.6	11.7	11.3	10.5	9.0	7.6	5.2	4.7	5.7	6.7	6.9	
June	5.6	5.0	5.8	6.1	5.9	6.1	5.5	6.3	6.3	7.0	8.4	9.0	10.3	9.9	10.1	9.1	8.0	6.7	5.6	5.4	5.9	5.9	6.5	
July	5.2	5.3	5.9	5.3	5.0	4.2	4.0	5.0	5.3	5.7	6.2	7.5	7.9	8.3	9.0	7.7	7.5	6.2	5.2	6.6	6.5	6.8	6.8	
August	4.7	4.2	4.5	4.5	3.4	3.7	3.5	4.5	5.3	5.9	7.2	7.5	8.9	9.4	9.2	9.3	8.8	8.1	6.5	5.2	6.3	6.0	6.9	
September	2.4	2.3	2.0	1.7	1.7	1.8	1.9	2.0	2.5	3.0	4.2	4.2	4.1	5.3	5.1	5.4	5.0	3.6	3.6	2.7	2.5	2.3	2.1	
October	3.0	2.7	3.1	2.3	2.6	3.0	3.5	4.1	4.2	5.8	6.2	6.9	7.3	7.5	6.8	6.5	6.3	6.0	3.6	3.8	3.2	2.7	3.0	
November	2.4	3.0	2.8	2.7	3.0	2.8	2.7	3.5	4.0	5.0	6.1	7.1	7.4	7.1	6.3	6.2	5.9	5.6	3.8	3.0	2.8	2.8	2.6	
December	2.3	2.3	2.1	2.3	2.3	2.2	2.8	3.1	4.0	5.3	6.4	6.4	6.3	6.0	5.2	5.6	5.2	3.8	3.7	2.3	1.9	2.0	2.0	
Year	2.7	2.5	2.7	2.7	2.6	2.6	2.6	3.1	3.7	5.0	..	..	..	..	..	..	..	..	..	..	..	..	..	
KODAIKANAL (40 FEET).																								
January	4.8	4.5	3.9	4.5	4.6	4.5	4.5	3.8	2.8	5.0	5.5	5.5	5.0	4.9	3.8	3.5	2.6	2.8	8.6	8.9	8.6	8.6	4.6	4.6
February	6.8	7.5	7.0	6.8	6.7	6.8	7.3	7.4	7.6	7.2	7.3	7.8	6.8	6.1	5.8	5.6	4.8	4.0	3.1	3.6	4.5	5.8	6.8	6.8
March	9.3	9.9	10.1	9.9	10.0	9.9	10.5	10.5	10.7	11.7	11.8	11.6	11.2	9.7	8.8	7.9	6.8	6.8	6.8	4.2	5.3	5.5	6.7	8.6
April	4.3	4.7	5.0	5.5	5.5	5.9	5.7	5.2	5.4	5.4	6.0	5.9	5.3	5.2	5.0	4.8	4.4	3.1	2.0	3.5	3.6	4.3	4.3	4.2
May	3.5	3.8	3.7	3.9	3.9	4.2	4.0	4.1	4.0	4.1	5.1	5.5	5.0	5.0	4.2	4.6	4.6	3.7	3.8	4.2	4.7	4.5	4.1	3.5
June	9.5	9.0	9.4	9.1	9.3	9.0	8.9	9.1	8.6	9.1	8.0	8.5	7.7	7.4	7.5	7.1	6.8	7.3	9.0	9.0	9.6	9.2	9.1	9.1
July	11.0	11.2	11.0	11.2	10.8	10.3	10.7	10.5	9.2	9.2	8.8	9.1	8.6	8.2	7.3	8.3	9.4	9.2	9.9	10.4	11.0	11.1	10.9	11.4
August	8.4	8.7	9.5	8.6	8.8	8.6	9.0	8.2	6.6	6.7	6.3													

**Table IX.--Number of days in each month and the year on which the Nilgiris were visible from Kodaikanal in 1945.**

[The Nilgiris are nearly 100 miles (as the crow flies) from Kodaikanal.]

	Month.	1	Very clear.	Visible.				Total.
				2	3	4	5	
January	.	.	10	5	6	4	25	
February	.	.	8	2	7	2	19	
March	.	.	10	2	2	4	18	
April	.	.	12	4	2	2	20	
May	.	.	18	..	..	5	23	
June	.	.	10	4	4	5	23	
July	.	.	8	4	2	1	15	
August	.	.	2	3	5	4	14	
September	.	.	10	2	3	..	15	
October	.	.	5	1	5	2	13	
November	.	.	6	2	7	4	19	
December	.	.	9	1	4	5	19	
Year	.	.	198	30	47	38	223	

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**TABLES X TO XV.**

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Table X.—Average over the 15 chief political divisions of the monthly and annual

Division.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.			
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Assam . . .	1.53	+0.82	+115	1.42	-0.17	-11	2.95	-0.53	-15	5.73	-3.19	-36	16.43	+3.14	+24	19.07	-0.74	-4						
Bengal . . .	0.93	+0.56	+151	0.83	-0.18	-18	0.43	-1.00	-70	3.49	+0.58	+20	7.32	-0.35	-5	12.50	-1.60	-11						
Orissa . . .	0.72	+0.31	+76	0.17	-0.87	-84	0	-0.90	-100	2.09	+0.85	+69	2.26	-0.79	-26	5.75	-2.98	-34						
Bihar . . .	1.94	+1.32	+213	0.94	-0.05	-5	0.04	-0.54	-93	1.16	+0.59	+104	1.94	-0.12	-6	5.41	-1.99	-27						
United Provinces . .	1.91	+1.14	+148	0.02	-0.78	-97	0.07	-0.36	-84	0.40	+0.16	+67	0.30	-0.32	-52	1.91	-2.47	-56						
Punjab . . .	8.22	+1.30	+141	0	-0.93	-100	0.61	-0.18	-23	0.86	+0.33	+62	0.36	-0.17	-32	1.31	-0.36	-22						
North-West Frontier Province.	1.68	+0.54	+47	0.03	-1.37	-98	0.91	-1.02	-53	1.79	+0.42	+31	0.50	-0.24	-32	0.65	-0.21	-24						
Sind . . .	0.68	+0.55	+423	0	-0.29	-100	0.01	-0.17	-94	0.06	-0.03	-33	0.14	+0.01	+8	0.42	+0.03	+8						
Rajputana . . .	0.71	+0.48	+209	0	-0.24	-100	0.01	-0.17	-94	0.20	+0.08	+67	0.45	+0.10	+29	3.84	+1.46	+61						
Bombay . . .	0.21	+0.11	+110	0	-0.07	-100	0	-0.12	-100	0.25	-0.15	-37	0.29	-0.60	-67	8.75	-0.12	-1						
Central India . .	0.98	+0.58	+145	0.01	-0.29	-97	0	-0.21	-100	0.24	+0.09	+60	0.14	-0.24	-63	8.07	+3.21	+66						
Central Province and Berar.	1.00	+0.55	+122	0.06	-0.68	-92	0	-0.52	-100	1.35	+0.81	+150	0.19	-0.43	-69	7.25	-0.29	-4						
Hyderabad . . .	0.07	--0.13	-65	0	-0.26	-100	0	-0.42	-100	0.86	+0.18	+26	0.28	-0.63	-69	4.91	+0.04	+1						
Mysore . . .	0	-0.14	-100	0.04	-0.12	-75	0.01	-0.32	-97	1.92	+0.28	+17	4.12	+0.45	+12	2.65	-2.05	-44						
Madras . . .	0.17	-0.61	-78	0.18	-0.34	-65	0.20	-0.59	-75	2.63	+0.61	+30	1.62	-2.04	-56	5.65	-2.15	-28						
Mean of India . .	0.96	+0.48	+100	0.19	--0.43	-69	0.25	-0.41	-62	1.32	+0.21	+19	1.74	--0.35	-17	5.89	-0.57	-9						

## Infall with its departure from normal in 1945.

Actual	JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		YEAR.							
	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-15	+1.96	+11	17.86	+1.52	+9	12.65	-0.17	-1	8.04	+2.27	+39	0.05	-1.15	-96	0.28	-0.11	-28	106.16	+3.65	+4
-83	-3.36	-22	14.11	-0.14	-1	8.74	-1.90	-18	9.02	+4.21	+88	0.08	-0.81	-91	0.39	+0.20	+105	69.67	-3.79	-5
-11	+0.55	+4	9.58	-3.45	-26	13.78	+4.57	+50	8.98	+4.09	+84	0.09	-1.39	-94	0.51	+0.30	+143	58.04	+0.29	+1
-33	-3.99	-30	10.50	-2.40	-19	11.03	+2.39	+28	5.92	+3.23	+120	0.04	-0.41	-91	0.10	-0.09	-47	48.35	-2.06	-4
-41	-0.36	-3	10.23	-1.00	-9	11.81	+5.16	+78	2.97	+1.64	+123	0	-0.17	-100	0.12	-0.24	-67	41.15	+2.40	+6
-96	-0.32	-6	5.10	-0.20	-4	7.17	+4.65	+185	0.16	-0.12	-43	0.07	-0.05	-42	0.01	-0.43	-98	22.82	+3.51	+18
-49	-0.08	-3	2.62	-0.33	-II	0.82	-0.30	-27	0.13	-0.16	-55	0.40	+0.16	+67	0.06	-0.51	-89	12.08	-3.70	-20
-49	+0.06	+2	0.42	-1.25	-75	0.03	-0.51	-94	0.01	-0.05	-83	0	-0.04	-100	0.01	-0.10	-91	4.27	-1.70	-30
-27	+4.26	+61	7.06	+0.20	+3	4.63	+1.45	+46	0.09	-0.33	-79	0	-0.15	-100	0	-0.17	-100	28.26	+6.97	+33
-27	+4.82	+31	10.91	+1.24	+13	9.11	+2.41	+36	1.02	-1.59	-61	0.16	-0.68	-81	0	-0.17	-100	50.97	+5.06	+11
-12	+2.35	+18	9.41	-1.92	-17	8.81	+2.21	+33	0.34	-0.78	-70	0	-0.55	-100	0.03	-0.23	-88	43.15	+4.22	+11
-72	+1.65	+11	12.24	-0.68	-5	11.98	+4.15	+53	1.47	-0.75	-34	0.06	-0.60	-91	0.03	-0.27	-90	62.35	+2.94	+6
-40	+1.43	+16	8.13	+1.10	+16	5.64	-1.17	-17	3.02	+0.31	+11	0.30	-0.67	-69	0	-0.27	-100	33.61	-0.40	-
-87	+1.68	+23	3.82	-1.56	-29	2.56	-2.45	-49	3.47	-1.88	-35	1.26	-1.16	-48	0	-0.44	-100	28.72	-7.71	-21
-01	+1.03	+11	6.70	-0.26	-4	4.12	-1.74	-30	6.84	-0.96	-12	6.44	+0.49	+8	0.58	-1.47	-72	46.14	-8.03	-15
-05	+1.13	+10	8.94	-0.41	-4	7.94	+1.70	+27	3.11	+0.36	+13	0.76	-0.46	-34	0.14	-0.31	-69	43.29	+1.00	+2

Table XI.—Average over the 31 Sub-divisions of the monthly and annual rainfall

Sub-Division.	JANUARY.						FEBRUARY.						MARCH.					
	RAINY DAYS.		RAINFALL.				RAINY DAYS.		RAINFALL.				RAINY DAYS.		RAINFALL.			
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1. Bay Islands . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
2. Assam . . . . .	1.6	-0.1	1.53	+0.82	+115	2.6	-0.9	1.42	-0.17	-11	4.8	-0.9	2.95	-0.53	-15	-	-	
3. Bengal . . . . .	1.3	+0.5	0.93	+0.56	+151	1.1	-0.7	0.83	-0.18	-18	0.8	-1.3	0.43	-1.00	-70	-	-	
4. Orissa . . . . .	0.9	+0.2	0.72	+0.31	+76	0.5	-1.2	0.17	-0.87	-84	0	-1.7	0	-0.90	-109	-	-	
5. Chota Nagpur . . . . .	1.7	+0.1	2.01	+1.19	+145	1.3	-1.4	1.08	-0.38	-26	0	-1.8	0.02	-0.82	-98	-	-	
6. Bihar . . . . .	2.7	+1.6	1.90	+1.38	+265	1.2	-0.4	0.89	+0.12	+16	0.1	-0.9	0.05	-0.41	-99	-	-	
7. United Provinces, East . . . . .	3.5	+2.2	1.62	+1.00	+161	0.1	-1.3	0.05	-0.56	-92	0.2	-0.5	0.05	-0.26	-84	-	-	
8. Do. do. West . . . . .	4.4	+2.6	2.14	+1.24	+138	0	-1.8	0	-0.95	-100	0.3	-0.8	0.10	-0.44	-81	-	-	
9. Punjab, East and North . . . . .	4.1	+2.1	2.60	+1.50	+136	0	-2.1	0	-1.06	-100	1.4	-0.4	0.69	-0.17	-20	-	-	
10. Do., SouthWest . . . . .	3.1	+1.9	1.23	+0.77	+167	0	-1.5	0	-0.60	-100	1.1	-0.5	0.40	-0.20	-33	-	-	
11. Kashmir . . . . .	6.1	+0.7	4.48	+0.80	+22	2.2	-3.2	1.31	-2.58	-66	6.6	+0.7	4.82	+0.58	+14	-	-	
12. North-West Frontier Province . . . . .	4.4	+2.3	1.68	+0.54	+47	0.1	-2.3	0.03	-1.37	-98	2.1	-1.5	0.91	-1.02	-53	-	-	
13. Baluchistan . . . . .	3.0	+0.5	1.29	+0.17	+15	0.4	-2.4	0.15	-1.15	-88	0.4	-1.9	0.13	-0.83	-86	-	-	
14. Sind . . . . .	1.6	+1.2	0.68	+0.55	+423	0	-0.7	0	-0.29	-100	0.1	-0.3	0.01	-0.17	-94	-	-	
15. Rajputana, West . . . . .	1.7	+1.3	0.69	+0.56	+431	0	-0.5	0	-0.21	-100	0.1	-0.3	0.03	-0.11	-79	-	-	
16. Do. East . . . . .	2.0	+1.3	0.72	+0.43	+148	0	-0.7	0	-0.25	-100	0	-0.5	0	-0.21	-100	-	-	
17. Gujarat . . . . .	1.0	+0.8	0.25	+0.18	+257	0	-0.2	0	-0.08	-100	0	-0.1	0	-0.06	-100	-	-	
18. Central India, West . . . . .	2.3	+1.6	0.91	+0.61	+203	0	-0.5	0	-0.19	-100	0	-0.4	0	-0.16	-100	-	-	
19. Do. do., East . . . . .	3.4	+1.8	1.26	+0.50	+66	0.1	-1.5	0.04	-0.67	-94	0	-0.9	0	-0.37	-100	-	-	
20. Berar . . . . .	1.8	+1.1	0.50	+0.22	+53	0	-0.7	0	-0.40	-100	0	-0.7	0	-0.33	-100	-	-	
21. Central Provinces West . . . . .	3.9	+2.7	1.49	+0.91	+157	0	-1.3	0.01	-0.66	-99	0	-1.1	0	-0.52	-100	-	-	
22. Do. do., East . . . . .	1.7	-1.0	0.83	-0.44	+113	0.4	-1.4	0.11	-0.82	-88	0	-1.3	0	-0.59	-100	-	-	
23. Konkan . . . . .	0.9	+0.8	0.33	+0.24	+267	0	-0.1	0	-0.05	-100	0	-0.2	0	-0.08	-100	-	-	
24. Bombay Deccan . . . . .	0.4	+0.1	0.13	0	0	0	-0.2	0	-0.08	-100	0	-0.4	0	-0.18	-100	-	-	
25. Hyderabad, North . . . . .	0.4	0	0.12	-0.10	-45	0	-0.6	0	-0.30	-100	0	-0.8	0	-0.43	-100	-	-	
26. Do., South . . . . .	0.1	-0.2	0.03	-0.15	-83	0	-0.5	0	-0.23	-100	0	-0.7	0	-0.41	-100	-	-	
27. Mysore . . . . .	0	-0.3	0	-0.14	-100	0.1	-0.2	0.04	-0.12	-75	0	-0.6	0.01	-0.32	-97	-	-	
28. Madras, Malabar . . . . .	0.6	-0.5	0.30	-0.38	-56	0.5	-0.5	0.31	-0.34	-52	0.9	-1.6	0.47	-1.09	-70	-	-	
29. Madras, Southeast . . . . .	0.4	-1.2	0.20	-1.01	-83	0.6	-0.2	0.22	-0.34	-61	0.5	-0.5	0.20	-0.46	-70	-	-	
30. Do. Deccan . . . . .	0	-0.3	0	-0.15	-100	0	-0.3	0	-0.17	-100	0	-0.3	0	-0.19	-100	-	-	
31. Do. Coast, North . . . . .	0.1	-0.4	0.04	-0.31	-89	0	-0.7	0	-0.49	-100	0	-0.7	0	-0.44	-100	-	-	

nd number of rainy days with their departures from normal in 1945.

APRIL.				MAY.				JUNE.				JULY.							
RAINY DAYS.		RAINFALL.																	
Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
7.9	-3.4	5.73	-3.19	-36	17.0	+2.3	16.43	+3.14	+24	18.2	0	19.07	-0.74	-4	19.3	+0.3	20.16	+1.96	+11
5.6	+1.7	3.49	+0.58	+20	8.4	-0.2	7.32	-0.35	-5	12.4	-1.5	12.50	1.60	-11	14.5	-2.4	11.83	-3.36	-22
3.7	+1.4	2.09	+0.85	+69	3.6	-1.1	2.26	-0.79	-26	8.2	-2.2	5.75	-2.88	-34	14.5	-1.3	14.11	+0.55	+4
2.0	+0.5	0.83	+0.21	+34	2.1	-0.2	1.52	-0.30	-16	8.1	-1.8	7.19	-0.37	-5	15.8	-1.1	10.10	-4.31	-30
2.7	+1.6	1.33	+0.78	+142	3.4	+0.3	2.15	-0.02	-1	5.6	-2.7	4.48	-2.84	-39	10.7	-3.1	8.49	-4.27	-33
1.3	+0.8	0.57	+0.37	+185	1.0	-0.2	0.38	-0.23	-38	4.1	-1.4	2.58	-1.99	-44	11.2	-1.7	9.07	-2.31	-24
0.7	0	0.26	-0.01	-4	0.6	-0.8	0.24	-0.38	-61	2.4	-2.5	1.35	-2.86	-68	12.3	+0	13.34	+1.65	+14
1.9	+0.7	0.82	+0.27	+49	1.2	-0.1	0.40	-0.18	-31	2.2	-0.7	1.58	-0.41	-21	7.4	+0.4	5.85	-0.50	-8
2.2	+1.0	0.96	+0.49	+104	0.7	-0.3	0.24	-0.17	-41	1.2	-0.3	0.64	-0.23	-26	3.5	+0.3	2.84	+0.16	+6
5.7	+0.3	3.76	+0.50	+15	3.5	-0.5	1.52	-0.53	-26	3.0	-0.9	1.61	-0.62	-28	7.5	-0.2	5.93	-0.90	-13
4.1	+1.2	1.79	+0.42	+31	1.4	-0.2	0.50	-0.24	-32	1.2	-0.4	0.65	-0.21	-24	3.5	-0.1	2.49	-0.08	-3
1.1	-0.3	0.37	-0.15	-29	0.3	-0.3	0.09	-0.17	-65	0.6	+0.1	0.32	+0.06	+23	3.6	+1.8	2.09	+1.03	+97
0.3	+0.1	0.06	-0.03	-33	0.3	0	0.14	+0.01	+8	0.5	0	0.42	+0.03	+8	3.7	+1.3	2.49	+0.06	+1
0.6	+0.2	0.22	+0.12	+120	1.2	+0.6	0.51	+0.23	+82	1.6	-0.1	1.77	+0.64	+57	7.3	+3.0	6.82	+3.39	+99
0.5	+0.1	0.19	+0.06	+46	1.2	+0.3	0.42	+0.03	+8	4.4	+0.3	4.98	+1.91	+32	11.8	+1.3	13.67	+4.73	+53
0.1	0	0.05	+0.01	+25	0.1	-0.3	0.02	-0.25	-93	5.5	-0.2	6.21	+0.93	+18	19.6	+8.4	19.85	+6.75	+52
0.4	+0.1	0.15	+0.01	+36	0.4	-0.4	0.11	-0.26	-70	6.1	-0.1	8.90	+4.02	+82	17.1	+3.9	16.23	+3.87	+31
1.2	+0.6	0.67	+0.30	+111	0.7	-0.3	0.23	-0.14	-35	5.7	-0.3	5.05	+0.27	+6	15.3	+0.2	10.87	-3.22	-23
0.9	+0.2	0.33	+0.01	+3	0.3	-0.8	0.07	-0.42	-86	7.6	-0.6	4.74	-1.49	-24	16.0	+2.9	10.25	+0.39	+4
2.0	+1.2	0.92	+0.56	+156	0.5	-0.6	0.21	-0.26	-55	8.3	0	9.71	+3.18	+49	19.1	+3.1	17.16	+1.90	+12
3.7	+2.1	2.07	+1.32	+176	0.7	-1.0	0.23	-0.55	-71	8.0	-1.8	6.58	-2.15	-25	19.3	+1.7	19.01	+1.99	+12
0.3	-0.4	0.15	-0.25	-63	0.3	-1.5	0.14	-1.23	-80	18.8	+0.3	27.13	+0.53	+2	27.7	+1.1	52.79	+1.13	+29
0.8	-0.6	0.44	-0.24	-35	1.1	-1.0	0.54	-0.63	-55	7.6	-0.2	4.47	-1.03	-18	12.9	+1.2	9.30	+0.17	+11
2.3	+1.0	0.89	+0.36	+68	0.4	-1.2	0.19	-0.53	-73	9.7	+2.0	5.87	+0.39	+7	16.6	+4.9	10.30	+3.37	+49
1.8	+0.1	0.84	0	0	1.0	-1.3	0.38	-0.67	-64	7.4	+0.6	3.95	-0.30	-7	16.6	+4.9	10.30	+3.37	+49
3.3	+0.4	1.92	+0.28	+17	5.9	+0.2	4.12	+0.45	+12	4.7	-2.4	2.65	-2.05	-44	10.9	+1.3	8.37	+1.35	+23
6.5	+0.2	3.84	-0.39	-9	4.1	-4.9	2.30	-5.40	-70	20.7	+0.2	19.17	-4.32	-18	22.1	+0.2	23.73	+1.00	+4
4.1	+1.7	2.78	+1.17	+73	2.5	-1.2	1.35	-1.19	-47	1.5	-1.5	0.69	-1.03	-61	4.3	+0.5	2.70	+0.44	+19
1.9	+0.5	0.89	+0.15	+20	2.6	-0.4	1.64	-0.11	-6	2.4	-1.9	1.27	-1.10	-46	9.7	+3.6	5.65	+2.66	+88
2.6	+1.3	1.77	+0.98	+124	2.5	-0.3	1.31	-0.66	-34	3.6	-2.4	1.70	-2.38	-68	12.1	+2.8	7.07	+1.92	+23

Table XI.—Average over the 31 Sub-divisions of the monthly and annual rainfall

SUB-DIVISION.	AUGUST.						SEPTEMBER.						OCTOBER.					
	RAINY DAYS.		RAINFALL.				RAINY DAYS.		RAINFALL.				RAINY DAYS.		RAINFALL.			
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage from normal.	Actual.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage from normal.	Actual.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage from normal.	
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51			
1. Bay Islands . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Assam . . . . .	19.4	+1.7	17.86	+1.52	+9	14.0	-0.2	12.65	-0.17	-1	9.4	+2.4	8.04	+2.27	+39			
3. Bengal . . . . .	14.4	-2.0	14.11	-0.14	-1	11.7	-0.3	8.74	-1.90	-18	7.2	+1.9	9.02	+4.21	+88			
4. Orissa . . . . .	13.2	-2.6	9.58	-3.45	-26	15.1	+2.9	13.78	+4.57	+50	8.6	+2.8	8.98	+4.09	+84			
5. Chota Nagpur . . . . .	14.0	-2.9	10.43	-3.73	-26	14.7	+4.1	10.72	+2.72	+34	8.1	+2.0	5.31	+2.30	+76			
6. Bihar . . . . .	12.3	-1.4	10.53	-1.77	-14	12.4	+3.1	11.19	+2.28	+25	5.2	+2.5	6.23	+3.71	+147			
7. United Provinces, East . . . . .	11.3	-1.6	8.41	-2.96	-26	12.4	+4.8	10.42	+3.38	+47	3.7	+1.9	3.83	+2.01	+110			
8. Do. do., West . . . . .	12.7	+1.2	11.75	+0.63	+6	12.0	+5.8	12.88	+6.60	+105	2.3	+1.4	2.25	+1.33	+145			
9. Punjab, East and North . . . . .	7.1	+0.3	5.67	-0.70	-11	7.0	+3.8	9.60	+6.51	+211	0.5	0	0.18	-0.17	-49			
10. Do., South-West . . . . .	3.7	+0.5	3.60	+1.13	+46	0.9	-0.4	0.68	-0.30	-31	0.2	0	0.08	-0.02	-20			
11. Kashmir . . . . .	5.6	-2.5	4.77	-2.37	-33	5.3	+1.6	3.51	+0.66	+23	1.4	-0.5	1.09	-0.02	-2			
12. North-West Frontier Province . . . . .	3.8	0	2.62	-0.33	-11	1.7	-0.1	0.62	-0.30	-27	0.4	-0.2	0.13	-0.16	-55			
13. Baluchistan . . . . .	0.7	-0.6	0.33	-0.40	-55	0.2	-0.1	0.06	-0.12	-67	0	-0.2	0	-0.08	-100			
14. Sind . . . . .	1.0	-0.9	0.42	-1.25	-75	0.2	-0.5	0.03	-0.51	-94	0	-0.1	0.01	-0.05	-83			
15. Rajputana, West . . . . .	3.1	-1.3	3.10	-0.83	-21	1.8	0	1.86	-0.08	-6	0.1	-0.2	0.02	-0.15	-88			
16. Do., East . . . . .	10.5	+0.6	9.22	+0.77	+9	7.6	+2.6	6.41	+2.28	+55	0.3	-0.5	0.12	-0.44	-79			
17. Gujarat . . . . .	11.1	+0.5	8.80	+0.95	+12	6.1	-0.1	13.55	+8.36	+161	0.3	-0.9	0.11	-0.86	-89			
18. Central India, West . . . . .	12.0	0	9.09	-1.72	-16	9.3	+2.1	8.63	+2.09	+32	0.4	-1.1	0.14	-0.88	-86			
19. Do. do., East . . . . .	12.1	-2.5	10.58	-2.64	-20	11.6	+3.4	9.47	+2.63	+38	2.1	+0.2	1.07	-0.42	-28			
20. Berar . . . . .	18.1	+2.6	8.72	+1.61	+23	7.0	-1.2	10.18	+3.88	+62	1.5	-1.0	0.71	-1.15	-62			
21. Central Provinces, West . . . . .	14.6	0	11.61	-1.95	-15	11.3	+1.7	8.83	+1.03	+13	1.7	-0.9	0.74	-1.15	-61			
22. Do. do., East . . . . .	17.7	+1.4	14.34	-0.72	-5	14.1	+3.3	14.66	+6.24	+74	2.5	-1.0	2.22	-0.34	-13			
23. Konkan . . . . .	25.9	+1.4	27.28	+2.35	+9	20.2	+4.8	12.64	-0.09	-1	2.9	-3.0	1.77	-2.94	-62			
24. Bombay Deccan . . . . .	10.4	+0.9	6.28	+0.39	+7	6.5	-1.3	4.51	-1.30	-22	3.3	-1.4	1.45	-1.70	-54			
25. Hyderabad, North . . . . .	12.6	+1.1	9.06	+1.11	+14	8.2	-1.1	6.35	-0.75	-11	2.7	-0.7	2.11	-0.4	-17			
26. Do., South . . . . .	11.0	+1.4	6.96	+1.09	+19	7.4	-1.9	4.76	-1.69	-26	3.9	-0.6	4.23	+1.31	+45			
27. Mysore . . . . .	7.9	-1.0	3.82	-1.56	-29	6.3	-1.5	2.56	-2.45	-49	5.0	-2.8	3.47	-1.88	-35			
28. Malabar . . . . .	18.2	+0.4	13.20	-3.35	-20	10.5	-1.5	4.50	-3.87	-46	11.1	-2.3	10.72	-0.43	-4			
29. Madras, South East . . . . .	5.6	+0.3	4.28	+0.58	+16	4.3	-1.5	2.49	-1.81	-42	7.9	-1.1	5.77	-1.49	-21			
30. Do., Deccan . . . . .	5.3	-0.6	2.76	-0.96	-20	6.5	-0.8	4.08	-1.19	-23	3.0	-2.8	1.80	-2.34	-57			
31. Do. Coast, North . . . . .	6.3	+0.4	6.94	+1.17	+20	9.7	+1.0	7.26	+0.81	+13	6.4	-1.1	7.67	+0.45	+6			

## and number of rainy days with their departures from normal in 1945—contd.

NOVEMBER.				DECEMBER.				YEAR.			
RAINY DAYS.		RAINFALL.		RAINY DAYS.		RAINFALL.		RAINY DAYS.		RAINFALL.	
Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
52	53	54	55	56	57	58	59	60	61	62	63
...	...	...	...	...	...	...	...	...	...	...	...
0.2	-1.7	0.05	-1.15	-96	0.5	-0.3	0.28	-0.11	-28	114.9	-0.8
0.1	-1.0	0.08	-0.81	-91	0.3	0	0.39	+0.20	+106	77.8	-5.3
0.2	-1.3	0.09	-1.39	-94	0.8	+0.4	0.51	+0.30	+143	69.2	-8.7
0.2	-0.7	0.10	-0.50	-83	0.2	-0.2	0.05	-0.18	-78	67.2	-3.4
0	-0.6	0	-0.37	-100	0.4	0	0.12	-0.04	-26	56.7	+0.1
0	-0.4	0	-0.21	-100	0.5	-0.1	0.25	-0.01	-4	49.3	+2.5
0	-0.3	0	-0.15	-100	0	-0.9	0.02	-0.42	-95	47.7	+4.5
0.2	-0.1	0.09	-0.05	-36	0.1	-0.9	0.02	-0.49	-96	33.1	+3.0
0.1	-0.1	0.02	-0.06	-75	0	-0.7	0.01	-0.24	-96	16.7	-0.2
1.0	0	0.50	0	0	1.1	-2.3	0.56	-1.53	-73	49.0	-6.8
0.7	+0.3	0.40	+0.16	+67	0.2	-1.0	0.06	-0.51	-89	23.6	-2.5
0	-0.4	0.02	-0.12	-86	0.7	-0.8	0.22	-0.45	-67	11.0	-4.6
0	-0.1	0	-0.04	-100	0	-0.3	0.01	-0.10	-91	7.7	-0.3
0	-0.1	0	-0.06	-100	0	-0.2	0	-0.10	-100	17.4	+2.3
0	-0.4	0	-0.20	-100	0	-0.5	0	-0.21	-100	41.3	+6.9
0	-0.5	0	-0.30	-100	0	-0.1	0	-0.06	-100	43.8	+5.3
0	-0.8	0	-0.59	-100	0	-0.5	0	-0.24	-100	48.0	+3.9
0	-0.6	0	-0.41	-100	0.5	-0.2	0.15	-0.18	-55	52.9	-0.1
0.1	-1.1	0.04	-0.81	-95	0.1	-0.6	0.04	-0.32	-59	48.4	+0.1
0	-0.9	0	-0.63	-100	0.1	-0.6	0.03	-0.35	-92	61.5	+3.3
0.2	-0.8	0.10	-0.51	-84	0.1	-0.3	0.03	-0.19	-86	68.4	+1.9
0.6	-1.0	0.31	-0.74	-70	0	-0.3	0	-0.15	-100	97.6	+1.9
0.6	-1.1	0.23	-0.95	-81	0	-0.5	0	-0.26	-100	43.6	-5.0
0.4	-0.8	0.17	-0.69	-80	0	-0.5	0	-0.28	-100	53.3	+0.8
1.0	-0.9	0.48	-0.64	-57	0	-0.4	0.01	-0.24	-96	50.2	+0.5
2.7	-1.1	1.26	-1.16	-48	0	-0.8	0	-0.44	-100	46.7	-8.9
9.2	+0.9	8.49	+2.07	+32	1.5	-0.9	0.92	-0.67	-42	105.9	-10.3
8.6	+0.3	8.53	+1.15	+15	1.4	-2.7	0.66	-2.70	-80	41.7	-7.1
3.0	-0.3	1.50	-0.67	-31	0.1	-0.6	0.02	-0.37	-95	34.5	-4.2
2.7	-1.4	2.20	-2.25	-51	0.8	-0.1	0.32	-0.47	-59	49.8	-1.6

Table XII.—Average over the 15 chief political divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1945.

DIVISION.	JANUARY AND FEBRUARY.				MARCH TO MAY.				JUNE TO SEPTEMBER.				OCTOBER TO DECEMBER.				WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Assam . . . .	2.95	+0.65	+28	25.11	-0.58	-2	69.73	+2.57	+4	8.37	+1.01	+14	106.16	+3.65	+4				
Bengal . . . .	1.76	+0.38	+28	11.24	-0.77	-6	47.18	-7.00	-13	9.49	+3.60	+61	69.67	-3.79	-5				
Orissa . . . .	0.89	-0.56	-39	4.35	-0.84	-16	43.22	-1.31	-3	9.58	+3.00	+46	58.04	+0.29	+1				
Bihar . . . .	2.88	+1.27	+79	8.14	-0.07	-2	36.27	-5.99	-14	6.06	+2.73	+82	48.35	-2.06	-4				
United Provinces . . .	1.93	+0.36	+23	0.77	-0.52	-40	35.36	+1.33	+4	3.09	+1.23	+66	41.15	+2.40	+6				
Punjab . . . .	2.22	+0.37	+20	1.83	-0.02	-1	18.54	+3.77	+26	0.24	-0.60	-71	22.82	+3.51	+18				
North-West Frontier Province.	1.71	-0.83	-33	3.20	-0.84	-21	6.58	-0.92	-12	0.59	-0.51	-46	12.08	-3.10	-20				
Sind . . . .	0.68	+0.26	+62	0.21	-0.19	-47	3.36	-1.67	-33	0.02	-0.19	-90	4.27	-1.79	-30				
Rajputana . . . .	0.71	+0.24	+51	0.66	+0.01	+2	26.80	+7.37	+38	0.09	-0.65	-88	28.26	+6.97	+33				
Bombay . . . .	3.21	+0.04	+24	0.54	-0.87	-62	49.04	+8.35	+21	1.18	-2.44	-67	50.97	+5.08	+11				
Central India . . . .	0.99	+0.29	+41	0.38	-0.36	-49	41.41	+5.85	+16	0.37	-1.56	-81	43.15	+4.22	+11				
Central Provinces and Berar.	1.06	-0.13	-11	1.54	-0.14	-8	48.19	+4.83	+11	1.56	-1.62	-51	52.35	+2.94	+6				
Hyderabad . . . .	0.07	-0.39	-85	1.14	-0.67	-43	29.08	+1.40	+5	3.32	-0.63	-16	33.61	-0.49	-1				
Mysore . . . .	0.04	-0.26	-87	6.05	+0.41	+7	17.90	-4.38	-20	4.73	-3.48	-42	28.72	-7.71	-21				
Madras . . . .	0.65	-0.95	-73	4.45	-2.02	-31	26.48	-3.12	-11	13.86	-1.94	-12	45.14	-8.03	-15				
Mean of India . . . .	1.15	+0.05	+5	3.31	-0.55	-14	34.82	+1.85	+6	4.01	-0.35	-8	43.29	+1.00	+2				

Table XIII.—Average over the 31 Sub-divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1945.

SUB-DIVISION.	JANUARY AND FEBRUARY.				MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.			
	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.	Actual.	Departure from normal.		Percentage departure from normal.	
		2	3		5	6	7		8	9	10		11	12	13	14	15
1																	
2. Bay Islands . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Assam . . . . .	2.95	+0.65	+28	25.11	-0.58	-2	69.73	+2.57	+4	8.37	+1.01	+14	196.16	+3.65	+4		
4. Bengal . . . . .	1.76	+0.38	+28	11.24	-0.77	-6	47.18	-7.00	-13	9.49	+3.60	+61	69.67	-3.79	-6		
5. Orissa . . . . .	0.89	-0.66	-39	4.35	-0.84	-16	43.22	-1.31	-3	9.58	+3.00	+46	58.04	+0.29	+1		
6. Chota Nagpur . . . . .	3.07	+0.81	+36	2.37	-0.91	-28	38.44	-5.69	-13	5.46	+1.62	+42	49.34	-4.17	-8		
7. Bihar . . . . .	2.79	+1.60	+116	3.53	+0.35	+11	34.69	-6.65	-16	6.35	+3.30	+108	47.36	-1.50	-3		
8. United Provinces, East . . . . .	1.67	+0.44	+36	1.00	-0.12	-11	30.48	-4.43	-13	4.08	+1.79	+78	37.23	-2.32	-6		
9. Do. do., West . . . . .	2.14	+0.29	+16	0.60	-0.83	-58	39.32	+6.02	+18	2.27	+0.76	+50	44.33	+6.24	+16		
10. Punjab, East and North . . . . .	2.60	+0.44	+20	1.91	-0.08	-4	22.70	+4.90	+28	0.29	-0.71	-71	27.49	+4.55	+20		
11. Do., South-West . . . . .	1.23	+0.17	+16	1.60	+0.12	+8	7.56	+0.75	+11	0.11	-0.32	-74	10.50	+0.72	+7		
12. Kashmir . . . . .	5.79	-1.78	-24	10.10	+0.55	+6	15.87	-3.23	-17	2.15	-1.55	-42	33.91	-6.01	-15		
13. North-West Frontier Province . . . . .	1.71	-0.83	-33	3.20	-0.84	-21	6.58	-0.92	-12	0.59	-0.51	-46	12.08	-3.10	-20		
14. Baluchistan . . . . .	1.44	+0.02	+1	0.59	-1.15	-66	2.80	+0.57	+26	0.24	-0.65	-73	5.07	-1.21	-19		
15. Sind . . . . .	0.68	+0.26	+62	0.21	-0.19	-47	3.36	-1.67	-33	0.02	-0.19	-90	4.27	-1.79	-30		
16. Rajputana, West . . . . .	0.69	+0.35	+103	0.76	-0.24	+46	13.05	+3.12	+31	0.02	-0.31	-94	14.52	+3.40	+31		
17. Do., East . . . . .	0.72	+0.18	+33	0.61	-0.12	-16	34.28	+9.69	+39	0.12	-0.85	-88	35.73	+8.90	+33		
18. Gujarat . . . . .	0.25	+0.10	+67	0.07	-0.30	-81	48.41	+16.99	+54	0.11	-1.22	-92	48.84	+15.57	+47		
19. Central India, West . . . . .	0.91	+0.42	+86	0.26	-0.38	-59	42.90	+8.26	+24	0.14	-1.71	-92	44.21	+6.59	+18		
20. Do. do., East . . . . .	1.30	-0.17	-12	0.83	-0.21	-20	35.97	-2.96	-8	1.22	-1.01	-45	39.32	-4.35	-10		
21. Berar . . . . .	0.59	-0.18	-28	0.40	-0.74	-65	33.89	+4.39	+15	0.79	-2.28	-74	35.67	+1.19	+3		
22. Central Provinces, West . . . . .	1.60	+0.25	+20	1.13	-0.22	-16	46.71	+4.16	+10	0.77	-2.13	-73	50.11	+2.06	+4		
23. Do. do., East . . . . .	0.94	-0.38	-29	2.30	+0.18	+8	54.59	+5.36	+11	2.35	-1.04	-31	60.18	+4.12	+7		
24. Konkan . . . . .	0.33	+0.19	+136	0.29	-1.61	-85	119.84	+14.71	+14	2.08	-3.83	-65	122.54	+9.46	+8		
25. Bombay, Deccan . . . . .	0.13	-0.08	-38	0.98	-1.07	-52	24.86	-0.94	-4	1.68	-2.91	-63	27.65	-5.00	-15		
26. Hyderabad, North . . . . .	0.12	-0.40	-77	1.08	-0.65	-38	31.76	+0.71	+2	2.28	-1.41	-38	35.24	-1.75	-5		
27. Do. , South . . . . .	0.03	-0.38	-93	1.22	-1.08	-47	25.91	+2.47	+11	4.72	+0.43	+10	31.89	+1.44	+5		
28. Mysore . . . . .	0.04	-0.26	-87	6.05	+0.41	+7	17.90	-4.38	-20	4.73	-3.48	-42	28.72	-7.71	-21		
29. Malabar . . . . .	0.61	-0.72	-54	6.61	-6.88	-51	63.60	-10.54	-14	20.13	+0.97	+5	90.95	-17.17	-16		
30. Marin, Southeast . . . . .	0.42	-1.35	-76	4.33	-0.48	-10	10.14	-1.87	-16	15.01	-3.04	-17	29.90	-6.74	-18		
31. Do. Deccan . . . . .	0	-0.32	-100	2.53	-0.15	-6	13.76	-0.60	-4	3.32	-3.38	-50	19.61	-4.45	-18		
32. Do. Coast North . . . . .	0.04	-0.80	-95	3.03	-0.12	-4	22.97	+0.92	+4	10.19	-2.39	-18	36.23	-2.29	-6		

Table XIV.—Average over the 31 Sub-divisions of actual number of rainy days with their departures from normal for the four seasons of the year and for the whole year 1945.

SUB-DIVISION.	JANUARY AND FEBRUARY.		MARCH TO MAY.		JUNE TO SEPTEMBER.		OCTOBER TO DECEMBER.		WHOLE YEAR.	
	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
			1	2	3	4	5	6	7	8
1. Bay Islands . . . . .	...	...	...	...	...	...	...	...	...	...
2. Assam . . . . .	4.2	-1.0	29.7	-2.0	70.9	+1.8	10.1	+0.4	114.9	-0.8
3. Bengal . . . . .	2.4	-0.2	14.8	+0.2	58.0	-4.2	7.6	+0.9	77.8	-5.2
4. Orissa . . . . .	1.4	-1.0	7.2	-1.4	51.0	-3.2	9.6	+1.9	69.2	-3.7
5. Chota Nagpur . . . . .	3.0	-1.8	5.1	-1.5	52.6	-1.7	6.5	+1.1	67.2	-3.4
6. Bihar . . . . .	3.9	+1.2	6.2	+1.0	41.0	-4.1	5.6	+2.0	56.7	+0.1
7. United Provinces, East . . . . .	3.6	+0.9	2.5	+0.1	39.0	+0.1	4.2	+1.4	49.3	+2.5
8. Do. do. , West . . . . .	4.4	+0.8	1.6	-1.6	39.4	+5.1	2.3	+0.2	47.7	+4.6
9. Punjab, East and North . . . . .	4.1	0	4.5	+0.2	23.7	+3.8	0.8	-1.0	33.1	+3.0
10. Do. , South West . . . . .	3.1	+0.4	4.0	+0.2	9.3	+0.1	0.3	-0.8	16.7	-0.1
11. Kashmir . . . . .	8.3	-2.5	15.8	+0.5	21.4	-2.0	3.5	-2.8	49.0	-6.6
12. North-West Frontier Province . . . . .	4.5	-0.5	7.6	-0.5	10.2	-0.6	1.3	-0.9	23.6	-2.6
13. Baluchistan . . . . .	3.4	-1.0	1.8	-2.6	6.1	+1.2	0.7	-1.4	11.0	-4.6
14. Sind . . . . .	1.6	+0.5	0.7	-0.2	5.4	-0.1	0	-0.5	7.7	-0.3
15. Rajputana, West . . . . .	1.7	+0.6	1.8	+0.4	13.8	+1.6	0.1	-0.5	17.4	+2.3
16. Do. , East . . . . .	2.0	+0.6	1.7	-0.1	37.3	+7.8	0.3	-1.4	41.3	+6.9
17. Gujarat . . . . .	1.0	+0.6	0.2	-0.4	42.3	+6.6	0.3	-1.5	43.8	+5.3
18. Central India, West . . . . .	2.3	+1.1	0.8	-0.7	44.5	+5.9	0.4	-2.4	48.0	+3.0
19. Do. do. , East . . . . .	3.5	+0.3	1.9	-0.6	44.9	+0.8	2.6	-0.6	52.9	-0.1
20. Bihar . . . . .	1.8	+0.4	1.2	-1.3	43.7	+3.7	1.7	-2.7	48.4	+0.1
21. Central Provinces, West . . . . .	3.9	+1.4	2.5	-0.5	53.3	+4.8	1.8	-2.4	61.5	+3.3
22. Do. do. , East . . . . .	2.1	-0.4	4.4	-0.2	59.1	+4.6	2.8	-2.1	68.4	+1.9
23. Konkan . . . . .	0.9	+0.7	0.6	-2.1	92.6	+7.6	3.5	-4.3	97.6	+1.9
24. Bombay, Deccan . . . . .	0.4	-0.1	1.9	-2.0	37.4	+0.1	3.9	-3.0	43.6	-5.0
25. Hyderabad, North . . . . .	0.4	-0.6	2.7	-1.0	47.1	+4.4	3.1	-2.0	53.3	+0.8
26. Do. , South . . . . .	0.1	-0.7	2.8	-1.9	42.4	+5.0	4.9	-1.9	50.2	+0.5
27. Mysore . . . . .	0.1	-0.5	9.2	0	29.8	-3.6	7.7	-4.7	46.7	-8.9
28. Malabar . . . . .	1.1	-1.0	11.5	-6.3	71.5	-0.7	21.8	-2.3	105.9	-10.3
29. Madras, South East . . . . .	1.0	-1.4	7.1	0	15.7	-2.2	17.9	-3.5	41.7	-7.1
30. Do. Deccan . . . . .	0	-0.6	4.5	-0.2	23.9	+0.3	6.1	-3.7	34.5	-4.2
31. Do. Coast, North . . . . .	0.1	-1.1	5.1	+0.3	24.7	+1.8	9.9	-2.6	49.8	-1.6

Table XV.—Showing rainfall of 10" and over, with amounts in the preceding and following 24 hrs. during the year 1945.

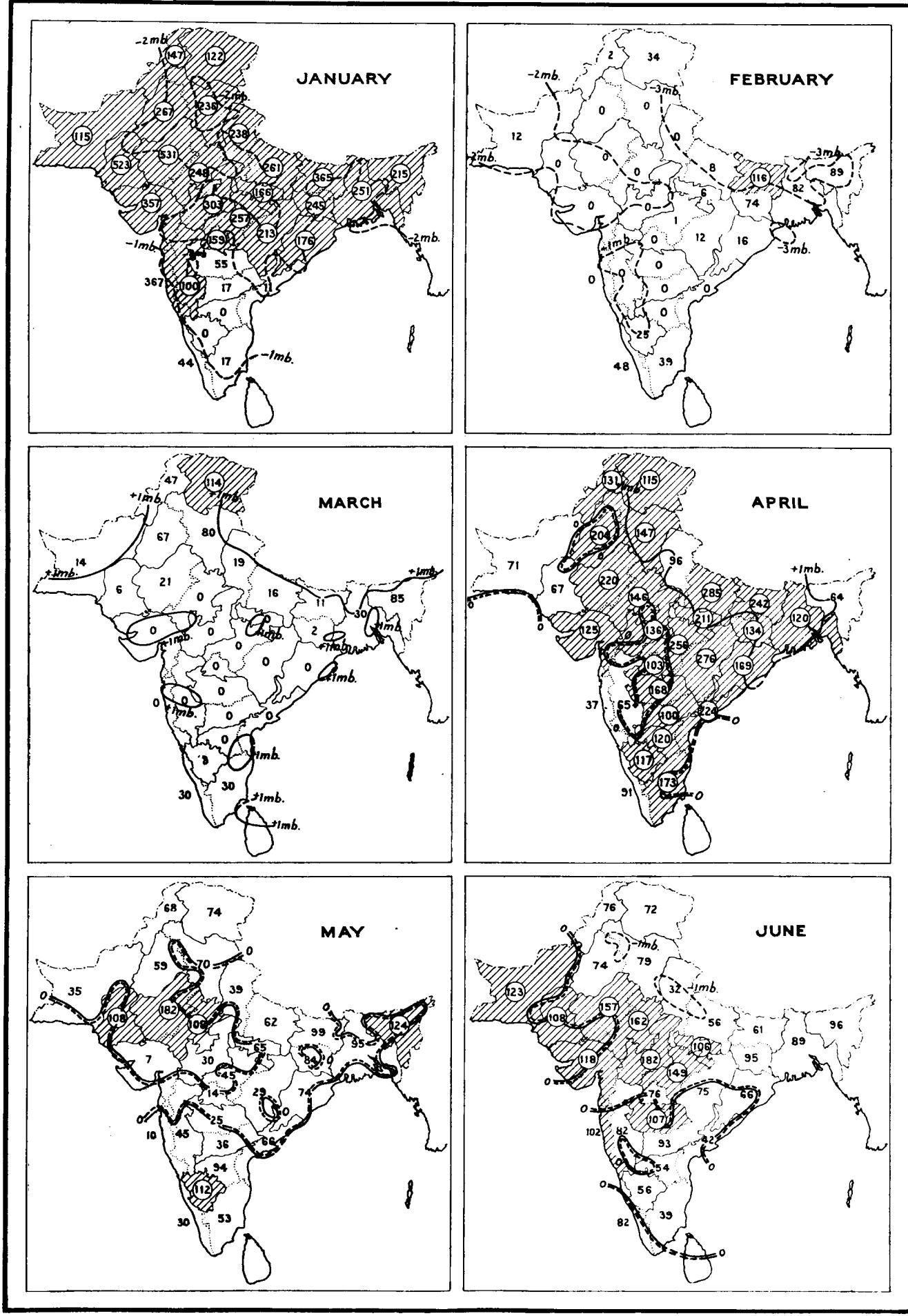
Province and District.	Station.	Date.	AMOUNT.			Province and District.	Station.	Date.	AMOUNT.		
			Preceding day.	On date in column 3.	Succeeding day.				Preceding day.	On date in column 3.	Succeeding day.
			1	2	3	4	5	6	1	2	3
ASSAM.											
Mylhet	Lallakhali	June 3	0.35	10.80	2.55	BOMBAY—contd.					
Do.	Balkunthapur	" 14	2.05	14.18	3.00	Broach		Vagra	Sep. 24	6.20	11.17
hasi and Jaintia Hills	Cherrapunji Police Station	" 14	0.86	18.24	4.56	Do.		Amod	" 24	7.61	14.03
achar (North Cachar Hills)	Mawsynram	July 26	5.24	13.13	12.32	Do.		Jambusar	" 24	6.06	13.62
Do.	Do.	" 27	13.13	12.32	15.28	Panch Mahals		Kalol	" 24	3.60	10.06
Do.	Do.	" 28	12.32	15.28	12.40	Do.		Halol	" 24	3.20	19.08
Do.	Do.	" 29	15.28	12.40	14.18	Do.		Dohad	" 24	0.26	10.45
Do.	Do.	" 30	12.40	14.13	5.63	Do.		Jhalod	" 25	7.27	11.46
Mylhet	Langla	Aug. 5	0.12	12.50	1.20	Surat		Surat	" 23	1.63	15.33
hasi and Jaintia Hills	Cherrapunji Police Station	" 1	8.87	15.17	3.42	Do.		Olpad	" 23	2.60	12.45
Do.	Do.	" 5	4.37	10.83	2.21	Do.		Do.	" 24	12.45	11.20
Do.	Do.	" 10	5.21	15.43	3.18	Do.		Mandvi	" 23	5.40	15.63
achar (North Cachar Hills)	Mawsynram	" 6	2.00	12.60	6.30	Do.		Bardoli	" 23	4.00	14.62
Do.	Do.	" 8	6.30	17.13	6.80	Do.		Waghala	" 23	7.80	10.13
BENGAL.	Feni	May 26	7.58	10.14	7.25	Rajpipila		Rajpipila	" 23	5.70	10.35
Dinapore	Contai	June 29	0.94	12.50	0.60	Do.		Bhalod	" 24	7.55	14.04
accia	Munshiganj	" 26	4.81	12.82	0	Do.		Valla	" 23	5.92	15.80
ppera	Sarail	" 14	3.34	12.48	5.39	Do.		Do.	" 24	15.80	13.05
ittagong Hill Tracts	Rangamati	July 31	0.45	11.50	3.16	Do.		Gardeshwar	" 24	9.80	10.50
ayurbhanj State	Karanjia	" 3	1.61	11.20	0.37	Do.		Baria	" 24	2.00	11.40
hulua	Morolganj	Aug. 17	0.41	15.00	15.10	Baria		Balasinor	" 24	3.05	11.70
Do.	Do.	" 18	15.00	15.19	0.80	Jambughoda		Balasinor	" 24	6.02	16.55
palia	Badalgachi	Sept. 15	0	10.02	0	Jambughoda		Dharampur	" 23	6.57	12.74
Dinapore	Bhagwanpore	Oct. 22	0.81	11.69	0.38	Dharampur		Cambay	" 24	7.71	18.95
ORISSA.	Keonjhargarh	July 3	1.95	10.75	0.10	Do.		Cambay	" 24	2.68	18.12
conchar	Soro	Oct. 19	8.90	15.80	9.87	Do.		Baroda City	" 24	6.86	18.70
lasare	Baliapal	" 19	4.35	10.10	0.70	Do.		Dabbol	" 24	2.02	17.74
Do.	Barthala	Sep. 26	1.40	10.85	0	Do.		Bhadran	" 23	4.00	15.20
PUNJAB.	Samra	" 26	5.62	10.36	0	Do.		Mangrol	" 23	15.20	10.37
tiala	Chechat	June 29	0.46	15.09	0.33	Do.		Do.	" 24	5.25	12.12
dhiana.	Khanpur	" 29	0.67	11.48	0.73	Do.		Songadh	" 22	4.00	8.20
RAJPUTANA.	Bakani	" 29	0.25	10.19	0.96	Do.		Mahabaleshwar	July 8	9.80	11.63
otah	Pirawa	" 29	0	10.55	0	Do.		Khandala	Aug. 14	8.30	14.60
Do.	Abu	" 30	1.85	13.51	8.25	Do.		Basoda	June 27	0.55	11.65
nk	Sultanpur	July 13	1.62	10.13	0.10	Do.		Garoth	" 29	0.05	12.75
ohi	Patan	" 12	0.70	13.39	0.60	Do.		Bhopal State	" 28	0.44	10.10
otah	Shahabad	Aug. 17	0	10.40	6.68	Do.		Chhapera	" 20	0.23	11.18
BOMBAY.	Karwar	June 12	5.47	11.06	4.02	Do.		Malwa Agency	July 26	0.75	10.74
anara	Gondal	" 16	0	12.60	0.72	Do.		Jaora	" 26	3.70	10.35
onal	Chikhali	July 23	0.02	16.85	0.77	Do.		Sailana	Sep. 24	3.70	0.40
anara	Bhatkal	" 22	2.86	10.10	5.20	Do.		Khurai	June 29	3.77	10.47
Do.	Siddapur	" 10	5.21	10.15	1.37	Do.		Surguja	" 27	2.48	13.45
arampur	Dharampur	" 8	1.58	10.33	0.57	Do.		Sihora	July 6	2.14	11.52
Do.	Do.	" 23	0.31	15.83	1.95	Do.		Patur	Sep. 22	3.10	10.08
nagad	Verval	" 16	0.08	11.40	0.35	Do.		Kadur	July 10	2.25	10.00
rbandar	Porbandar	" 7	0.14	19.36	0.45	Do.		Koppa	July 10	2.25	10.00
ona	Lonavia	Aug. 14	6.00	10.67	7.14	Do.		Quilon	Oct. 19	0.88	10.83
ana	Dahanu	" 14	2.52	12.62	5.34	Do.		Paravur	" 13	2.00	11.10
laba	Matheran	" 14	9.35	12.18	12.72	Do.		Paravur	" 17	4.10	10.20
Do.	Do.	" 15	12.18	12.72	5.64	Do.		Quilon	" 17	4.10	10.20
Do.	Pen	" 14	5.71	11.18	4.50	Do.		Travancore State			
ira	Anand	Sep. 24	2.90	10.28	3.24	Do.		Quilon Division			
Do.	Borsad	" 24	1.57	15.27	5.60	Do.					
peach	Brosch	" 24	6.35	10.03	0.74	Do.					

**SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS),  
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)**

I.M.D.-A.S. 1945.

1945

Plate A 1.



 ABOVE 100%

**BELOW 100%**

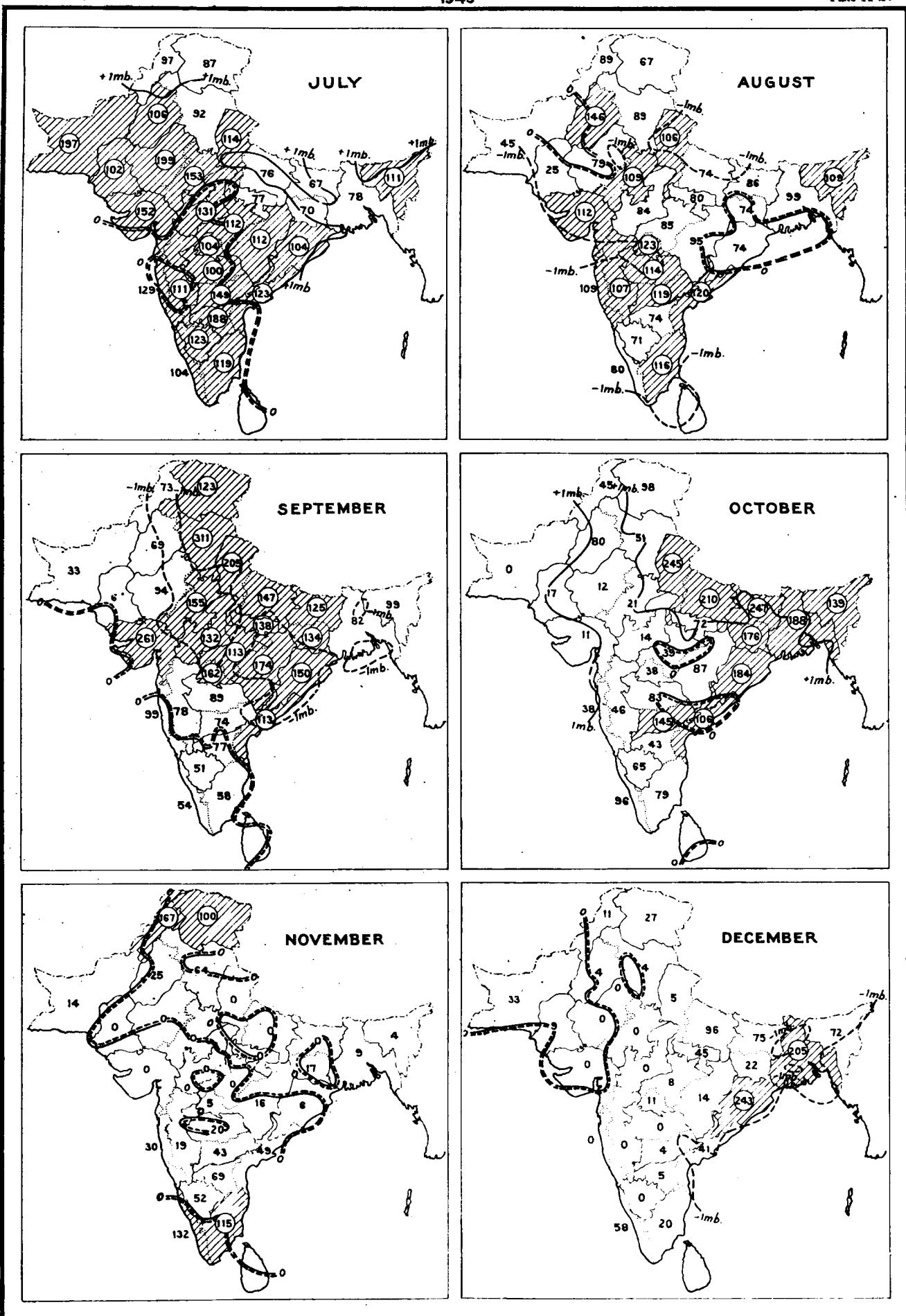
G. P. Z. P. Program 1949

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS).  
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)

I.M.D.-A.S. 1945

1945

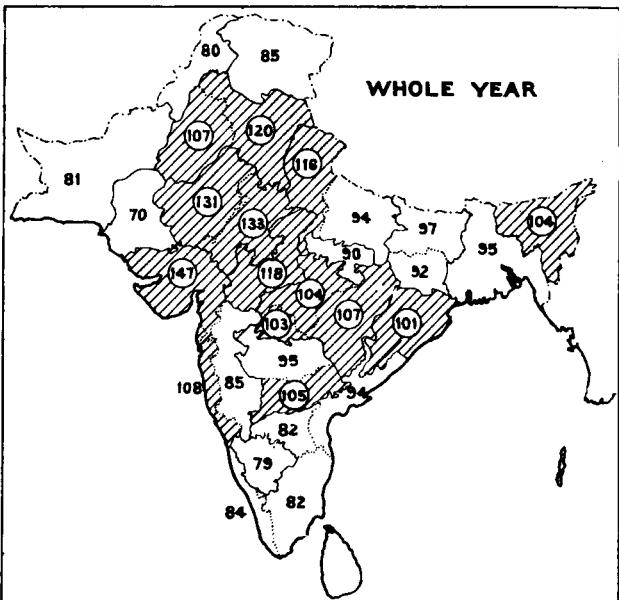
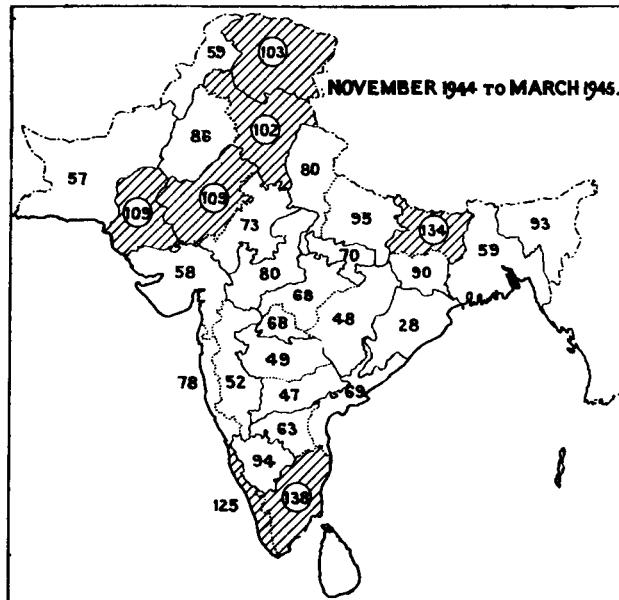
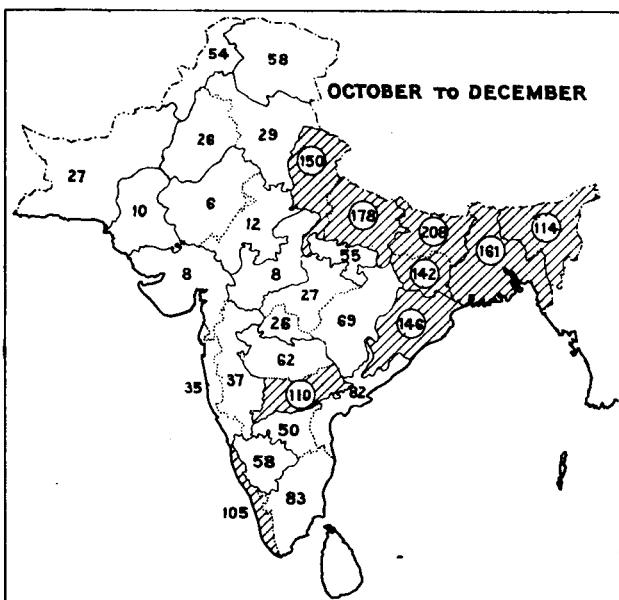
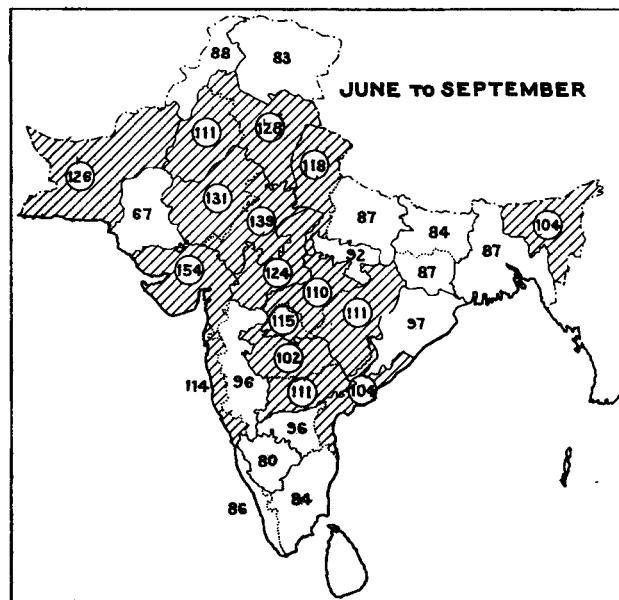
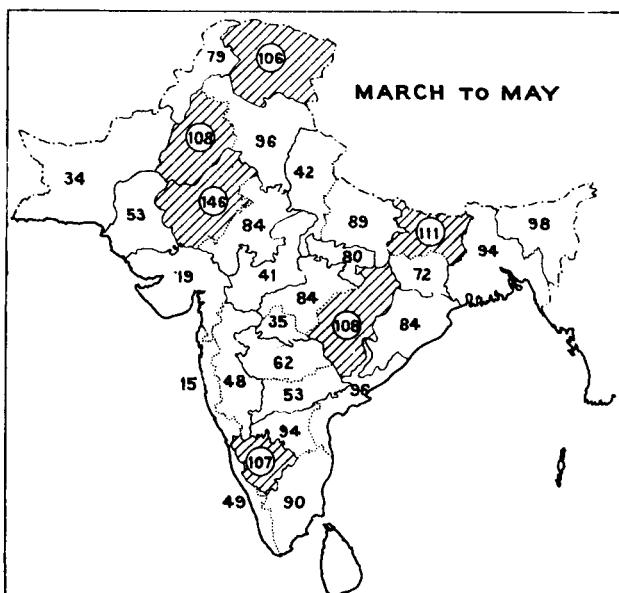
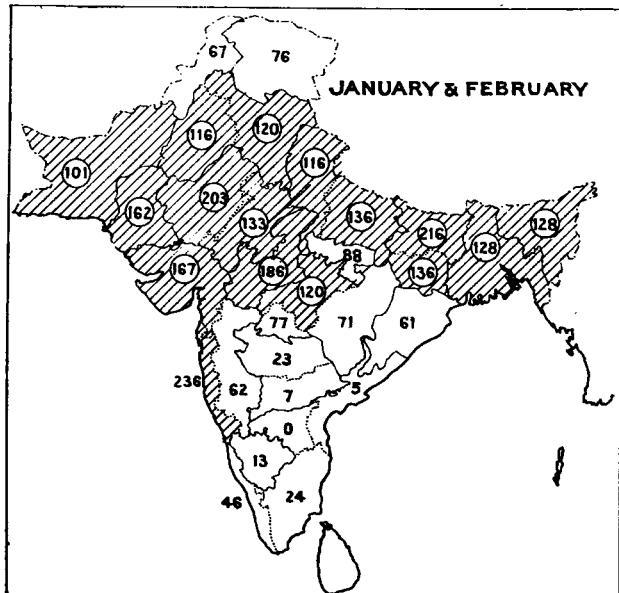
Plate A 2.



ABOVE 100%

BETWEEN 100%

C. P. Z. P. Paper, 1949



ABOVE 100%

BELOW 100%